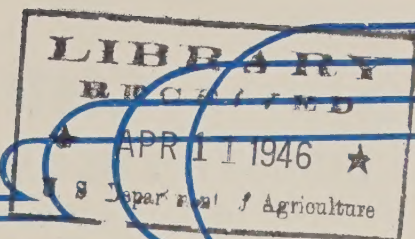


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1946



CHRISTENSEN NURSERY CO.

343 WEST PORTAL AVENUE
SAN FRANCISCO 16

935 OLD COUNTY ROAD
BELMONT

CALIFORNIA

CHRISTENSEN NURSERY

QUALITY IS OUR WATCHWORD

The Christenson Nursery Co. wishes to stress the fact that quality is their foremost objective and desires the prospective purchaser to realize that all plants, trees or shrubs obtained from them are first grade and the finest that can be obtained.

Visit our new garden store and nursery in Belmont. We now have a modern, complete store with a good assortment of tools, insecticides, fertilizers, garden supplies, barbecue equipment and garden furniture. In fact, we can now truly say, we have here

"EVERYTHING FOR THE GARDEN"

as well as at our San Francisco nursery. However, owing to the limited space at the San Francisco nursery, you will find the large specimen trees and the garden furniture only at our Belmont nursery.

If you do not find all of your garden needs listed in this catalog, call us at OVERLAND 4333, in San Francisco, or BELMONT 196, on the Peninsula. Or, if you prefer, mail us a postcard and we will gladly quote you on any of your garden needs.

TERMS OF SALE

DELIVERIES BY AUTO TRUCK: On our regular delivery days in your district, free delivery will be made on orders amounting to \$3.00 or more. A delivery charge will be made to partly defray the cost on smaller orders and special deliveries.

MAIL ORDER DELIVERY: All small orders will be sent out by mail. Seeds, particularly, lend themselves very well to mailing out and we will postpay all seed orders of one dollar or more, if you include payment with your orders. Shrubs and trees will be sent express at customer's expense.

REPLACEMENTS

All plants, trees or shrubs delivered or shipped from nursery leave in first class condition; if for any reason a plant does not grow, and the cause can be directly attributed to the nursery, a replacement will be made upon presentation of proper evidence.

NON-WARRANTY: While we exercise the greatest care to have all our seeds and plants true to name, however, it must be expressly understood and agreed that should any seeds or plants be untrue to name, The Christensen Nursery shall be liable only for the sum paid for said seed or plant and shall not be liable for any greater amount.

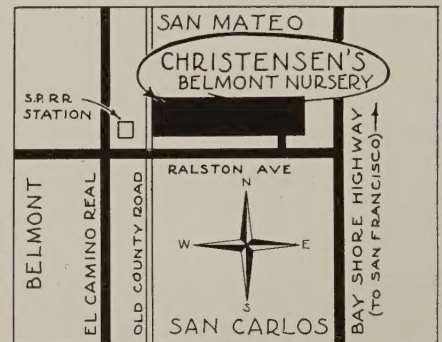


OUR SAN FRANCISCO NURSERY AND SALESYARD

is located at 343 West Portal Avenue between 14th and 15th Avenue, two blocks from Junipero Serra Boulevard. The Municipal K car runs in front of the door.

OUR BELMONT NURSERY

is located on the Old County Road, just north of its intersection with Ralston Avenue, directly behind the Southern Pacific R. R. station.



Tuberous Begonias

These bulbous plants make a most excellent show of flowers and deep green foliage in shady places. Growth is about one foot high and the uniformity of plants make them superb for bedding purposes. Use plenty of peat in preparing the planting beds. Set bulbs shallow after first sprouting them in flats of moist peat. 45c each; \$4.50 dozen.

DOUBLE CAMELLIA TYPE. Pink, yellow, white, rose, salmon, scarlet, dark red and orange.

CARNATION TYPE. Pink, yellow, white, rose, salmon, scarlet, dark red and orange.

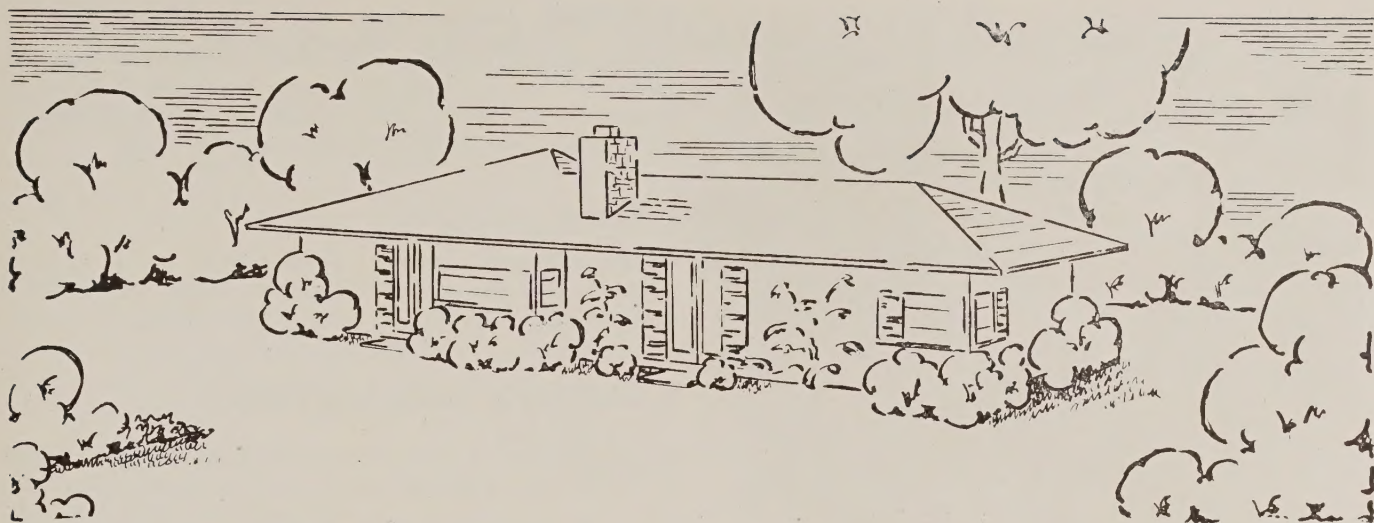
PICOTEE. Rose and white.

Seedling plants available about May 15th. 25c each; \$2.50 dozen.

Two Excellent Patio Plants

CLIVIA. These permanent plants with their narrow evergreen leaves and showy reddish yellow or scarlet flowers are excellent for shady spots. g. c. \$2.00.

STRELITZIA (Bird of Paradise Flower). The blooms are large and showy in intense shades of yellow and blue. They do well in any warm, sheltered position. 6" pot \$2.50; tubs \$25.00.



Low Growing Flowering Shrubs for Sunny Places

The plants listed in this grouping can best be used in front of taller growing shrubs; under low windows; in front of low walls; as border plantings or low hedges. In using these plants a good effect may be obtained by planting in groups of 3 to 5 or more. These plants may well be used with low growing conifers such as the junipers. Average height 2 to 3 feet.

BUXUS, Boxwood

Boxwoods are unique among the evergreens for their slow growth, permanent beauty and adaptability to soils and growing conditions. They withstand much shearing as for hedges and topiary work either in simple pyramids or globe shapes to fancy animals, birds, etc. Use them for accent in the garden or as tubbed specimens. Sun or shade.

Buxus japonica, Japanese Box. Best taller growing Box for California. Rounded glossy green leaves and lush dense growth. Always neat and attractive. Gallon container 85c, flats (8 doz.) \$6.00, doz. \$1.00, balled and pyramid \$5.00 up.

Buxus suffruticosa, Dwarf English Box. Bushy, dwarf growing plants making excellent low trimmed hedges. Set plants 6 inches apart. Doz. \$1.50, flats (8 doz.) \$8.00.

BOUVARDIA

Bouvardia Albatross, White Bouvardia. Popular flowers for corsages. Handsome low growing shrub with spreading slender branches of waxy green foliage. Fragrant flowers tubular with four flaring petals. Last well when cut. Trim back to encourage new growth and flowers. Sun or part shade. Gallon container \$1.25.

CHORIZEMA, Flowering Oak

Chorizema grandiflorum. Rounded dark green leaves and large pear-shaped orange-red flowers distinguish this variety. An excellent low shrub for the foundation planting. Gallon container \$1.00.

CONVOLVULUS, Silver Bush (Also see page 35.)

Convolvulus cneorum. Delicate silvery-foliaged low shrub excellent for dry sunny places. The white cup-shaped flowers average 1 1/2 inches across and appear all summer. A very fine compact shrub. Gallon container \$1.00.

CORREA, Australian Fuchsia

Correa pulchella. Marvelous new 2-foot shrub with spreading bushy habit, deep olive green foliage and graceful display of dainty pink bell-shaped flowers in winter and spring. Recommended as a foundation planting shrub. Sun. Gallon container \$1.00, 5-gallon container \$3.00.

Correa Harrisii. New bright red Australian Fuchsia. Of similar habit of growth. An excellent low shrub for planting around the house or in the rock garden. Sun. Gallon container \$1.25, 5-gallon container \$3.50.



BOUVARDIA ALBATROSS, WHITE BOUVARDIA



CORREA HARRISI (See page 3)

MYRSINE, African Box

Myrsine africana. Close growing shrub resembling boxwood but much more colorful. Deep glossy green leaves are closely set on slightly reddish stems. Useful as a low hedge. Stands shearing well. Gallon container 85c, 5-gallon container \$2.75.

MYRTUS, Myrtle

Myrtus communis compacta. Small pointed leaves, in dense masses on this compact shrub. Excellent for low hedges. Gallon container 85c.

RAPHIOLEPIS, Round Leaf Yeddo

(Also see page 14.)

Raphiolepis ovata. Another excellent shrub for foundation planting. Thick dark green oval leaves characterize this dense compact shrub. White flowers with red anthers are very pretty. Blue berries. Gallon container \$1.00, 5 gallon container \$2.75.

VERONICA

Veronica buxifolia. Low compact plant with box-like leaves and white flowers. Makes a nice low hedge. Best along the coast. Gallon container 85c.

Veronica decussata. Small compact shrub, dark green leaves and violet blue flowers throughout the year. Gallon container 85c.

Veronica imperialis. Dark green leaves, often 2 or 3 inches long, tinged red on the edges. Flowers light reddish purple. Very hardy. Gallon container 85c.

Plants that may well be used with low growing plants for sun. Also plants for special purposes in sunny places.

CONIFERS (to enrich any planting). Armstrong, Hollywood, or Tamarix Junipers, Mugho Pines, Spreading Yews.

PLANTS FOR HEDGES. Boxwood, Myrtle, Myrsine, Berberis

PLANTS FOR SLOPES. Sollya, Cotoneaster Horizontalis, Trailing Lantana, Juniper Tamariscifolia, Vines.

COTONEASTER (Also see page 7.)

Cotoneaster dammeri. Low spreading variety with dark green glossy leaves about an inch long. The white flowers are followed by attractive bright red berries. Gallon containers \$1.25.

Cotoneaster horizontalis, Rock Cotoneaster. Flat spreading shrub with tiny glossy green leaves and bright red berries. Partly deciduous it assumes brilliant colors in cold winters. Gallon containers 85c.

Cotoneaster microphylla, Rockspray Cotoneaster. Low shrub with dense branchlets clothed in tiny dark green leaves. Large rosy-red berries. Gallon container 85c.

DIOSMA, Breath of Heaven

Diosma pulchrum. Dwarf compact bushy shrub with fine foliage like Heather covered with masses of tiny pink flowers during spring and summer. Very showy and graceful. Gallon container \$1.00, 5-gallon container \$3.00.

Diosma reevesi. Same as the pink but with white flowers. Excellent shrubs to lighten the effect of heavy foliage masses in the shrub plantings, especially in foundations. Gallon container \$1.00, 5-gallon container \$3.00.

ERICA, Heather (Also see page 5.)

Erica mediterranea hybrida. Prostrate bushy heather covered in flowering time with tiny rosy-pink bells. Low growing. Sun or partial shade. Gallon container \$1.00.

Erica regerminans. Excellent low growing shrub about 2 feet high. Good growth of foliage covered with 5-inch clusters of small reddish flowers. Gallon container \$1.00.

LANTANA (Also see page 6.)

Lantana sellowiana, Trailing Lantana. Mauve flowers cover this foot high trailer most of the summer. Freezes out in places but readily comes back. Gallon container 85c.

Yellow Lantana. Compact growing, covered with a profusion of yellow blooms. Gallon container 85c.



ABELIA, GOUCHER (See Page 5)

Medium Height Shrubs for Sunny Places

This group of plants contains most of the hardy flowering plants that are always favorites. Their use may be either as foundation planting against the house, or in many instances as single specimens. For the best effect group plantings of 3 to 5 are suggested. The average height of plants in this group is 3 to 5 feet.

ABELIAS

Abelia grandiflora, Glossy Abelia. Graceful evergreen shrub with arching branches, bronzy foliage and dainty fragrant white bells in spring and early summer. Sun or light shade. Gallon container \$1.00, 5-gallon container \$2.75.

Abelia schumanni. Pink lavender bells in summer. Slightly more open in growth than the Glossy Abelia. Gallon container \$1.00, 5-gallon container \$2.75.

Abelia Edward Goucher. New. Combines the best features of *Abelia grandiflora* and *Abelia schumanni*. Charming glossy foliage, bronzy in spring, almost hidden by banks of glorious pink flowers in summer. Gallon container \$1.00, 5-gallon container \$3.50.

BERBERIS, Barberry (Also see page 17.)

Berberis darwini, Darwin's Barberry. Small shrub with slender branches; leaves small, glossy green in summer, bright red in winter; flowers are orange. Gallon container \$1.00.



LANTANA (See Page 6)

BRUNFELSIA

Brunfelsia floribunda, Yesterday and Today. Bushy, well rounded shrub with lustrous green foliage and flowers throughout the year. Flowers open blue-violet fading through lilac to almost pure white. Fragrant, they last well when cut. Sun or partial shade. Gallon container \$1.00, 5-gallon container \$3.50.

CISTUS, Rock Rose

Cistus corbariensis. Low spreading shrub with attractive sage green leaves and pure white flowers, averaging 2 inches across. Wonderful to cover slopes in sunny places. Requires sun and good drainage. Gallon container 85c.

Cistus maculatus, Crimson Spot Rockrose. The flowers resemble the Brown-eyed Rockrose, but everything about the plant is larger, the 3-inch flowers, the foliage and the plant itself. Provides great quantities of its lovely big blooms every season. Gallon container 85c.

Cistus purpureus. One of the finest Rockroses. Low and spreading with beautiful pink flowers with maroon blotches at the base of petals. Sun. Gallon container \$1.00.

CYTISUS, Easter Broom

Cytisus racemosa. Free flowering shrub. Fragrant yellow pea-shaped flowers are a show in March and April. Gallon container \$1.00, 5-gallon container \$3.50.

ERICA, Heather (Also see page 4.)

Erica melanthera rosea. Showy, popular heather growing to 6 feet and covered with small rosy flowers in long sprays. Sun and good drainage. Gallon container \$1.00.



HIBISCUS
(See Page 6)



ESCALLONIA ORGANENSIS

ESCALLONIA

Excellent evergreen shrubs of neat growth and good dark green foliage. They have showy flowers in large clusters. For open situations. Escallonias do especially well along the coast. Sun.

Escallonia montevidensis. Large glossy leaves and good size clusters of pure white flowers. About 6 feet high. Late summer and fall. Gallon container \$1.00.

Escallonia organensis. Erect shrubs with spreading branches. Foliage thick, flowers light pink. Gallon container \$1.00.

Escallonia rubra. Red Escallonia. Decidedly compact; foliage large dark green; flowers deep red. Gallon container \$1.00.

EUONYMUS, Golden

Euonymus aureo-marginatus. A dwarf compact shrub that is hard to beat. Rounded glossy leaves margined in golden yellow. Stands shearing well and can be clipped into different shaped shrubs or hedges. Slow growing, excellent for foundation planting. Gallon container 85c, 5-gallon container \$2.75.

GARDENIA

Delightfully perfumed and much used for corsages cut simply to perfume the house. They are easy to grow in sun or partial shade when planted in a soil composed of leaf-mold, peat and sand. Drainage should be the best. Don't cultivate around the roots, instead spread a mulch of leaf-mould to keep the soil moist at all times.

Gardenia grandiflora. Mystery. Improved form with large double flowers. Profuse during summer, off and on throughout the year. Gallon container \$1.25, 5-gallon container \$3.50 and \$5.00.

HIBISCUS

Lush glossy green foliage and abundant bloom in summer. Give plenty of sun and a rich soil.

Agnes Gault. The most popular flowered single pink. Flowers often measure 6 or 7 inches across. Gallon container \$1.25, 5-gallon container \$4.50.

Brillante. Light scarlet, very bright and colorful. Gallon container \$1.25, 5-gallon container \$4.50.

Crown of Bohemia. Beautiful double golden yellow. An excellent variety. Large plants in 5-gallon containers \$5.00.

Choice Selected Colors. We have several colors available. All are showy large flowered types, some very lovely shades. Single and double types. Gallon container \$1.50, 5-gallon container \$4.50.

LANTANA (Also see page 4.)

Lantana camara. One of the indispensable shrubs for California. The uses to which it may be put in the landscape scheme are simply astounding—to cover banks, trained against walls as a vine, as a ground cover, in pots, and even as a specimen shrub. It glorifies the space it occupies with brilliantly colored flowers that seem to change shades as they mature but never become unsightly. Full sun, little care will make them at home. Of course they like a drink now and then. Orange and red, pink and yellow. Gallon container 85c.

LAVANDULA, Lavender

Lavandula vera, English Lavender. Dwarf compact shrubby plant with greyish aromatic foliage and tall slender spikes or bluish-violet flowers. Gallon container 85c.

LIGUSTRUM, Privet

Ligustrum lucidum, Wax-Leaf Privet. Very compact; glossy green foliage. Gallon container 85c, 5-gallon container \$2.75.

Ligustrum oraliifolium, California Privet. Compact grower, fine for hedges. Available in two sizes. Plant 12" apart.

First size: Price per doz. \$2.00; per 100 \$13.50.

Second size: Price per doz. \$1.50; per 100 \$10.00.

NANDINA, Heavenly Bamboo

Nandina domestica. Not a Bamboo but the foliage does resemble a small variety in many ways. Leaves light green tipped with pink and copper in early spring and assumes a vivid red in autumn. Bright crimson berries in generous clusters are showy. Gallon container 85c, 5-gallon container \$2.75.

PLEROMA, Princess Flower

Pleroma grandiflora. Velvety bronze hairy leaves, reddish stems and very large purple flowers, often 3 inches across, in fall and winter. Showy and beautiful, does best in slightly acid soil. Gallon container \$1.25, 5-gallon container \$3.50.

PITTOSPORUM (Also see page 8.)

Pittosporum tobira. Handsome spreading shrub with glossy dark green leaves, clusters of fragrant white flowers in spring, followed by small yellowish pods which open to show the bright red seeds. One of the most useful ornaments for the west coast. Gallon container 85c, 5-gallon container \$2.75.

ROSEMARY

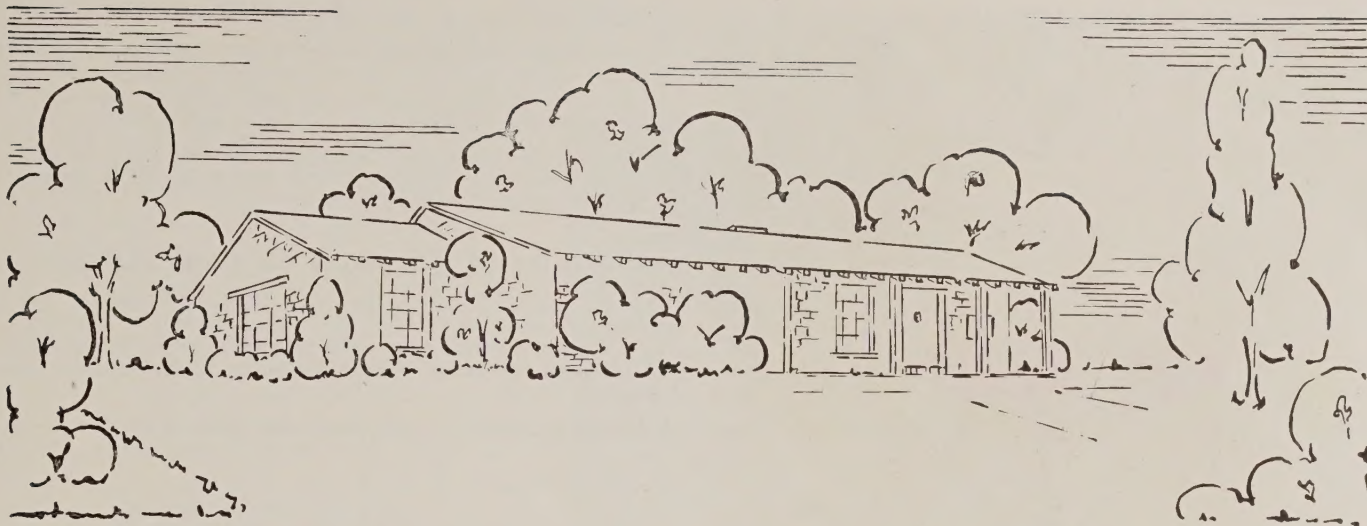
Rosmarinus officinalis. Another in the group of fragrant foliaged plants. Used since ancient times as an "herb". Narrow dark green aromatic leaves and light blue, almost white, flower. Gallon container 75c.

PLANTS THAT MAY WELL BE USED WITH ANY OF THE ABOVE GROUP AND PLANTS FOR SPECIAL USES.

CONIFERS (to enrich any plantings). Birdnest Cypress, Pfitzer Juniper, Spreading Yews, Mugho Pines.

PLANTS FOR HEDGES. California Privet, Berberis, Viburnums, Pittosporums, Euonymus.

PLANTS FOR SLOPES. Star Jasmine, Australian Blue Bell, Plumbago.



Tall Growing Shrubs for Sunny Places

The plants in this group make up the backbone of all plantings. These are the plants for tall hedges, the screening of a neighbor's house, or the framing of a barbecue. Many are showy with summer blooms, others for their foliage; others for their bright berries. The cut branches of these plants make lasting arrangements in your home. Average growing height 6 to 10 feet.

ARBUTUS, Strawberry Bush

Arbutus unedo. One of the finest growing shrubs. Deep green foliage and brilliant red strawberry-like fruits ripening about Christmastime. Gallon container 85c, 5-gallon container \$3.00.

CALLISTEMON, Bottlebrush

Callistemon rigidus. Stiff dark green, narrow leaves and deep red brushes and seed pods of previous seasons make an attractive and interesting shrub. Spring and summer. Good drainage. Gallon container \$1.00, 5-gallon container \$2.75.

CEANOTHUS, California Lilacs

These are perhaps the most famous of all native plants, having been hybridized extensively in Europe where they are prized for the lilac-like flowers. The varieties listed here are showy hardy shrubs, well adapted to wild plantings where little care is intended as on hillsides. They need good drainage and little moisture after they are established. Gallon containers \$1.00.

Ceanothus cyaneus. Beautiful native of San Diego County. Small dark green leaves and dark blue fragrant flowers in late spring.

Ceanothus gloriosus. Gracefully spreading plants with deep green glossy foliage and blue flowers.

Ceanothus griseus, Carmel Ceanothus. One of the best for general purposes, this wide spreading shrub 6 to 8 feet tall has handsome deep green glossy leaves an inch or two long and clusters of deep blue flowers in March and April.

Ceanothus purpureus, Holly Leaf Ceanothus. Deep green, stiff holly-like leaves are very handsome. In late winter little reddish-purple buds form and these burst forth in March and April into a profusion of purple-lavender flowers.

Ceanothus thyrsiflorus, Blue Blossom. Shiny deep green leaves and delightful blue flowers in March and April.

COTONEASTERS (Also see page 4.)

Very useful group of shrubs with flowers and pretty red and salmon berries that lend an attractive color note to the garden. The taller varieties make good all-around ornamental shrubs.

Cotoneaster franchetti. Graceful plant with arching branches covered with small pink flowers followed by quantities of red-tinted orange berries. Gallon container \$1.00.

Cotoneaster pannosa, silverleaf. Excellent graceful shrub with grey-green leaves and masses of brilliant red berries in winter. 8 feet. Gallon container 85c, 5-gallon container \$2.75.

Cotoneaster parneyi, Parney Cotoneaster. Very showy taller variety with handsome berries, largest of all, in immense clusters. Large glossy leaves. Gallon container \$1.00.

EUGENIA

Eugenia myrtifolia. A dense growing shrub with cream-white flowers followed by attractive purple berries around the holidays. New growth reddish, later turning greener. Gallon container \$1.00, 5-gallon containers priced from \$3.50.

FEIJOA, Guava

Feijoa sellowiana, Pineapple Guava. Not nearly enough grown as an ornamental, this gray foliated shrub glorifies the garden in spring with its waxy white flowers with plumes of bright red stamens in the centers. Fruits green, oval in shape and strongly scented of Pineapple. Gallon container \$1.00, 5-gallon container \$3.50.

ILEX, Holly

Ilex aquifolium, English Holly. For Christmas decorations this Holly resembles the traditional American holly with its spiny bright glossy dark green leaves and bright red berries on the female plants. Porous soil, preferably partly shaded. Gallon container \$1.25. Specimens \$5.00 and up.

Ilex aquifolium Vantol, Dutch Holly. Similar to English Holly except that it produces more and larger clusters of bright red berries. Gallon container \$2.75, 5-gallon \$6.75 and up.

LAGUNARIA, Sugar Plum Tree

Lagunaria pattersoni. Small narrow tree, often a shrub, with handsome grey-green foliage and neat mallow-like flowers of rose-pink. Recommended for sea-coast planting but does well inland too! Gallon container \$1.00, 5-gallon container \$3.00.

LEPTOSPERMUM, Australian Tea Tree

Leptospermum laevigatum. Graceful shrub with long curving branches, fine greyish-green leaves, and small white flowers in spring. Dry soils with good drainage and sun. Makes an excellent windbreak. Gallon container 85c, 5-gallon container \$2.75.

Leptospermum reevesi. Similar to *Leptospermum laevigatum* except that habit of growth is neat; very compact. Gallon container \$1.25, 5-gallon container \$3.00.

Leptospermum scoparium flore pleno. Erect branches, finely cut foliage and double bright rose-pink flowers makes a very showy shrub in spring. Gallon container \$1.00.

NERIUM, Oleander

Nerium oleander. Large bushy shrubs freely blooming all summer, during the hottest weather. Does well in the hot dry interior valleys. Long slender leathery leaves. In various colors, single and double. Gallon container \$1.00, 5-gallon containers \$3.00 up.

Single. White, yellow, red, pink.

Double. Red, pink.

Mrs. Swanson. Delicate pink. Gallon container \$1.00, 5-gallon container \$3.50.

Mrs. Roeding. Clear double salmon-pink. Gallon container \$1.00, 5-gallon container \$3.50.



PYRACANTHA ROSEDALE (Rosedale Firethorn)

PHOTINIA, California Holly, Toyon

Photinia arbutifolia. Glorious native shrubs whose beautiful dark green foliage and bright red berries has made it known to many as Christmas Berry. Does well under cultivation but is sometimes difficult to establish. Well worth any effort to get it started. Gallon container \$1.00.

Photinia serrulata. Chinese Photinia. Large broad toothed leaves often assuming pretty red or bronze tints especially when young or during cold weather. Gallon container \$1.00, 5-gallon container \$2.75.

PITTOSPORUM (Also see page 6.)

This group of large shrubs forms the backbone of most California plantings. Some varieties are large shrubs or small trees. All are easy to grow, and hardy except in cold places. Some have showy sweet scented flowers.

Pittosporum crassifolium. Large shrub with soft grey green foliage and wine colored flowers. Resistant to wind, even along the coast. Gallon container 85c, 5-gallon container \$2.75.

Pittosporum eugenioides. Erect shrub with long narrow yellow-green leaves with wavy margins. Makes a fine tall hedge. Gallon container 85c, 5-gallon container \$2.75.

Pittosporum nigricans. Small green wavy leaves and black stems. Fine growing shrub. Gallon container 85c, 5-gallon container \$2.75.

Pittosporum undulatum. Beautiful round headed tree or large shrub. Useful also as a hedge. Rich green leaves with wavy margins, yellowish-white flowers, very fragrant at night. Gallon container 85c, 5-gallon container \$3.00.

PRUNUS, Laurel

Prunus laurocerasus, English Laurel. A fine broad-leaved evergreen shrub used mostly for specimen planting and hedges. The oval leaves always present a cool refreshing green color. Gallon container \$1.00, 5-gallon container \$3.00.

Prunus lusitanica, Portuguese Laurel. Similar to English Laurel, perhaps a finer hedge plant. The smaller leaves are a deep, glossy green. Gallon container 85c, 5-gallon container \$2.75.

PSIDIUM, Guava, for Jelly and Ornament

They are decidedly attractive shrubs for ornamental purposes. Excellent when used as hedges where their close growth, fine foliage and colorful fruits vie with each other in making their stay worthwhile. Use the fruits for jellies and preserves.

Psidium cattleyanum, Red Strawberry Guava. Large deep red fruits of fine flavor. Require a frost free area. Gallon container \$1.00, 5-gallon container \$3.50.

PYRACANTHA, Firethorns, for Color and Berries

Strong growing sturdy shrubs with erect or spreading thorny branches, narrow dark green leaves and clusters of white flowers in spring. The real glory of these shrubs is the colorful abundance of berries in fall and winter. Rich, fairly moist soil. Sun or partial shade.

Pyracantha lalandi. Robust shrub, dark green leaves and bright orange-red berries. Hardier than others. Gallon container \$1.00.

Pyracantha Graberii. A new selection of this lovely berried shrub. Dark green glowing foliage and bright red berries, larger than usual, and in quantity. Gallon container \$1.25, 5-gallon container \$3.75.

Pyracantha Rosedale. Graceful arching branches crowded with orange-red berries. May be trimmed into pyramids or globes and still retain its fruiting habit. Gallon container \$1.25, 5-gallon container \$3.75.

Pyracantha yunnanensis. 4 to 6 foot shrub spreading to 12 feet. Deep red berries. Fine for covering banks, stands sandy soil well. Gallon container 85c, 5-gallon container \$3.00.

PLANTS THAT MAY BE USED WITH ANY OF THE ABOVE GROUP.

CONIFERS (to enrich any planting). English Yews, Irish Yews, Pyramidal Arborvitae, Hinoki Cypress, Blue Lawson Cypress.

PLANTS FOR HEDGES. Leptospermum, Pittosporum, Euonymus, English Laurel, Portuguese Laurel, Coprosma.



OLEANDER (See page 7)

Low Growing Shrubs for Shade

Of all the plants you may use in your garden none can equal the beauty and profusion of bloom of the plants in this group. They must be planted where they are not exposed to the hot sun, either on the east or north side of the house, or where they will get only filtered light. Most are early spring bloomers when flowers are so welcome in the garden. Generally the plants require an acid soil (use peat moss or leaf mold when planting) and most should be fertilized with acid plant food during the spring and early summer. The average height, 1 to 3 feet.

AZALEAS

A favorite flowering shrub bringing color into those shaded places in early spring when color is so lacking. They grow 2 to 4 feet high and as much across and are completely covered with flowers when in bloom. Azaleas are easy to grow if the soil is acid, accomplished by liberal use of peat. Soil should be well drained and kept watered at all times. Acid fertilizer.

Deciduous Types

This type Azalea is very popular because of its very early and heavy bloom. Their lovely pastel colored flowers blend well together and are very effective in massed plantings. Height 2 to 6 feet, and plants are hardy down to zero. Price \$3.00 and up.

Azalea altaclarensis. Showy profuse blooming shrub about 4 feet high. Flowers large, deep orange-yellow. \$3.00 up.

Azalea mollis. Large brilliant flowers ranging from salmon and orange to flame scarlet. Popular deciduous type for spring bloom. \$1.50 up.

Evergreen Types

Azalea Indica and Karume

Plants priced from \$1.50.

WHITE:

Marie Louise. Late blooming. Has an occasional pink stripe.

Snowdrift. Rather early, closely massed bloom.

Servaeana Alba. Indica, large double flowers.

PINK:

Coral Bells. Coral pink.

Lorraine. Beautiful clear rose.

RED and SALMON:

Cherry Ripe. Single, cherry red. Solid mass of color.

Hexe. Semi-double, compact, crimson.

Hinodigiri. Dwarf. Bright red, very early. Showy.

Paul Shams. Indica. Double deep salmon. Very lovely.

OTHER COLORS:

Albert-Elizabeth. Indica. Very double rose and white.

Chas. Encke. Variegated pink and white.

Erie. Salmon-pink and white indica.



GROUP OF INDICA AZALEAS

Azalea Rutherfordiana

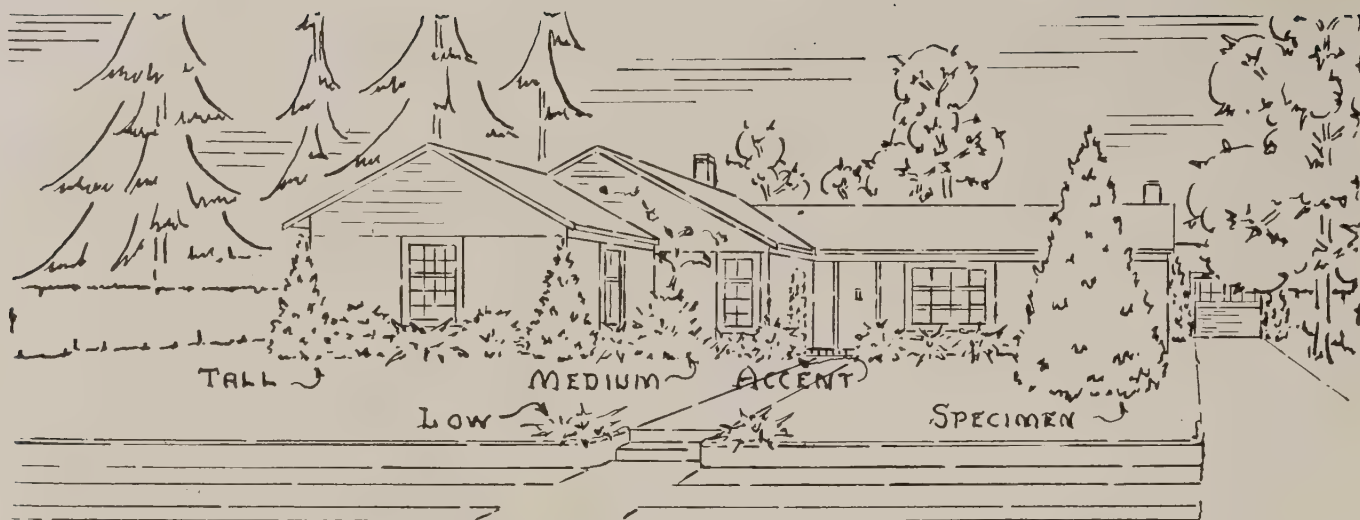
Azalea Rutherfordiana. These new hybrids combine all of the finest characteristics of other types of Azaleas. The flowers, borne in clusters, are very large and usually double. The foliage is evergreen and large. Plants bloom profusely in Spring. Height 2 to 4 feet. Price \$3.50 and up. Colors, red, pink, salmon and white.

HYPERICUM (Also see page 35.)

Hypericum moserianum. Low growing shrub sometimes three feet high and as much across, with good dense habit, dark green leaves and yellow flowers. Gallon container 85c.

SARCOCOCCA

Sarcococca ruscifolia. A little known shrub that is very useful for planting in shady corners or under other larger plants. It grows about two feet high; produces white, very fragrant flowers in spring; foliage is laurel-like; one of our best novelties. Gallon container \$1.25.



SPECIMENS: Abies, Cedrus, Picea and Chamaecyparis. **TALL:** Juniperus torulosa, Taxus, Thuja occidentalis, plicata and beverleyensis. **LOW:** Cryptomeria, Juniperus tamariscifolia and chinensis armstrongii. **ACCENT:** Chamaecyparis allumi, ellwoodii; Cupressus semp. fastigiata; Thuja occid. pyramidalis and beverleyensis. **MEDIUM:** Pfitzer Juniper, Pinus Mughus, and Thuja aurea nana.

Plant Conifers for Permanence, Dignity and Style

HOW TO GROW CONIFERS

In their natural habitat conifers grow in a situation providing the roots with excellent drainage and a surface mulch holding a fairly constant supply of moisture. Conifers find it difficult to grow in some of our heavy soils, which are inclined to hold too much water from winter and spring rainfall and dry out too rapidly during the summer.

If yours is a heavy soil, not well drained, we suggest that you dig an extra deep hole, two feet deeper and two feet wider than required to accommodate the ball. Fill in the bottom of the hole with twelve inches of coarse gravel or stones. Soak in good topsoil to fill spaces between the gravel. It is advisable to mix one shovel-ful of Gypsum to each two shovelful of topsoil filled in the gravel and around the ball. Add peat moss to soil filled in around top six inches of hole and use liberally as a mulch in the irrigation basin.

If your planting is made in a lawn, be sure to keep the grass away from the base of the tree. Lawn should be permitted to grow only to the outer fringe of lower branches.

We are listing only the smaller sizes. Prices on larger specimens on request.

ABIES, Fir

Abies concolor, Silver Fir. One of the finest specimen conifers with "blue" needles. The long soft needles stand erect in the branchlet presenting a neat appearance. Color rivals that of Blue Spruce. Ultimately quite large, but growth very slow. Makes a tall cone-shaped tree, narrow at the base. Priced from \$3.00.

CEDRUS, Cedars

Cedrus atlantica, Mount Atlas Cedar. This cedar is rather uncommon. Although similar to the Deodar the new growth is blue in color, and the tree generally less spreading. Makes a fine specimen tree but requires a generous space. Ultimate height 60-80 ft.; 25-30 ft. in 10 years. Priced from \$3.50.

Cedrus deodara, Deodar. Rapid growing conifer making a large tree 60-80 feet high with a wide spreading base. It is definitely not for small spaces. Where space permits it is a very fine tree for shade or as a specimen. Foliage soft grey-green. Gallon containers \$1.25.

CHAMAECYPARIS, Cypress

Chamaecyparis lawsoniana, Lawson Cypress. In general form like a tall growing arborvitae. Foliage in flat sprays, deep dark green. Native and although eventually becoming large, over a hundred feet high, its useful life in the home planting is sufficient to recommend it for planting where a tall, narrow evergreen is appropriate. It is successfully planted as a street tree. Gallon containers \$1.00.

Cham. lawson allumi, Blue Lawson. Most popular of the Lawson Cypress forms. Although it eventually gets rather out of bounds in height and girth it is dwarf and compact enough for the average planting. 10-20'. Gallon containers \$1.25.

Cham. lawson. ellwoodii, Ellwood Cypress. Slow growing dwarf type. Lovely grey-green foliage. Will be useful in the planting for many years. 6-8'. Priced from \$3.50.

Cham. lawson. stewartii, Golden Lawson. Slow growing pyramidal shrub. Foliage a lively golden yellow. Remains small for a number of years. 10-15'. Gallon containers \$1.25.

Chamaecyparis obtusa, Hinoki Cypress. Slow growing shrub retaining its dwarf rounded form for many years. The golden green leaf formations are fan-shaped and closely overlapping. Some specimens are very slow growing. Although it will get over 15 feet, the usual height is well under 8 feet and that takes quite some time to grow. Priced from \$3.50.

CUPRESSUS, Cypress

Cupressus macrocarpa, Monterey Cypress. The most popular conifer for hedge planting. The deep green, fine textured foliage can be kept to a neat line by shearing. As a hedge it slowly becomes wider and taller each year and when too large should be replanted. As a specimen tree it assumes grotesque shapes, especially when wind blown. 30-50 ft. Gallon containers \$1.00.

Cupressus sempervirens, Italian Cypress. Tall, very slender and pillar-like form. Deep dark green close-growing foliage. Satisfactory in the coastal areas. For mild climates only. Stays small for many years, under 10 feet in height and one foot in diameter, eventually 25-30 ft. Gallon container \$1.25.

CRYPTOMERIA, Cedar

Cryptomeria globosa compacta, Dwarf Globe Cryptomeria. A delightful ornamental—in many respects a perfect shrub for home planting. Easy to grow, plumey, "different looking" foliage, makes a perfectly round shrub and is excellent as a specimen on lawns or in pots. 3-4 ft., seldom over 6 ft. Priced from \$2.50.

JUNIPERUS, Junipers

UPRIGHT VARIETIES

Juniperus excelsa stricta, Spiny Greek Juniper. Small, slow growing cones of blue-green needles. A very excellent specimen shrub for the home planting as it seldom gets over 4 feet high, maintaining a neat regular habit of growth at all times. When small it serves wonderfully in the rock garden. Gallon containers \$1.25.

Juniperus hibernica, Irish Juniper. Usually Irish Juniper is a narrow compact column of a shrub 5-8 feet high by a foot or less through—although occasionally more bushy. Very fine as an accent in the home planting. Needs no extra shearing to keep in shape. Gallon containers \$1.25.

Juniperus torulosa, Hollywood Juniper. A most unusual shrub among the Junipers. Outstanding for its irregular picturesque habit of growth, assuming gnarled forms without encouragement. Deep green foliage. Very slow growing. An ideal specimen shrub. 6-8 ft. Gallon containers \$1.25.

SPREADING VARIETIES (Also see page 35.)

Juniperus chinensis armstrongi. One of the finest dwarf evergreens. It makes a dense mass of soft, grey-green foliage; about 2 feet high, the plant makes a spread ultimately of about 5 feet. Gallon containers \$1.25 each.

Juniperus pfitzeriana, Pfitzer Juniper. The most popular of all Junipers. The closely growing foliage always presents neat and healthy appearance. Gallon containers \$1.25.

Juniperus sabina tamariscifolia, Creeping Juniper. The best of the low growing Junipers. Almost creeping, seldom over a foot high and spreading to make a beautiful foliage carpet. Graceful horizontal branches held above the soil. A first-rate ground cover or for banks and foundation planting. Gallon containers \$1.25.

LIBOCEDRUS, Cedar

Libocedrus decurrens, Incense Cedar. This native large tree serves a useful place in landscape planting. It grows fairly rapidly but after it reaches 8-10 feet slows down its vertical growth to fill out in the center. In form and appearance resembles an arbovitae. Gallon containers \$1.25.

PICEA, Spruce

Picea excelsa, Norway Spruce. Rapid growing short needled spruce. Deep dark green foliage and while small is a first-class living Christmas tree. Makes a fine clipped hedge or if planted as a specimen, allow plenty of room for development. Priced from \$5.00.

Picea glauca conica, Dwarf Alberta Spruce. An unusual, extremely dwarf slow growing spruce. Always keeps a close, tight symmetrical form. 3-4 feet high, it is an excellent shrub for formal planting, foundation planting or the rock garden. Needles are a bright green, about 1/2 inch long. A very fine shrub. \$7.00.

Picea pungens glauca, Blue Spruce. The famous Colorado Blue Spruce. Long sharp needles of steel blue. Slow growing, remaining small for many years. Larger specimens are fine for home planting. Priced from \$5.00.

Picea pungens Kosteriana, Koster Blue Spruce. The bluest of all Spruces. Slow-growing and slightly irregular at first it makes a perfectly shaped blue Christmas Tree for outdoors. Priced from \$10.00.

PINUS, Pine

Pinus canariensis, Canary Island Pine. The feathery soft green foliage of this beautiful tree harmonizes nicely with any planting. Very hardy and rapid growing. Excellent as a tall screen or wind-break. Gallon containers \$1.00 each.

Pinus halepensis, Aleppo Pine. For quick effects, particularly in dry soils the Aleppo Pine is excellent. It is longer lived than the Monterey Pine although it is similar in appearance. Gallon containers \$1.00 each.

Pinus mughus, Mugho Pine. A really dwarf short-needled pine. Makes a low rounded growth 3 to 4 feet high and spreading to 4 or 6 feet in diameter. Foliage clothes the branches to the ground. Widely planted as a dwarf specimen shrub, in the rock garden or in the foundation planting. Also excellent for planting in pots. Gallon containers \$1.25.

Pinus pinea, Stone Pine. Slow growing but very symmetrical and compact. As it grows older it forms a flat, parasol-like head of deep green foliage. Gallon containers \$1.00 each.

Pinus radiata, Monterey Pine. Tall, 50-60 feet, rapid growing, symmetrical tree. Foliage deep green and neat in appearance. Often a picturesque specimen tree. It makes a quick, effective tall screen turning unsightly views into luxurious verdure. Gallon container \$1.00, 5-gallon container \$3.50.

SEQUOIA, Redwood

Sequoia sempervirens, California Redwood. The native Redwood. Although this tree is famous for its size, it is a very fine tree for home planting. Tall growing, producing a straight trunk with deep reddish brown bark and clothed with pendulous branches of deep green foliage. Stays within bounds remarkably well and never assumes wide spreading proportions. Gallon containers \$1.00.

TAXUS, Yew

Taxus baccata, English Yew. Upright and more spreading, especially at the base. Makes a neat cone-shaped small tree about 15 feet high but remains under 6 feet for many years. An annual shearing will keep it the desired size indefinitely. Priced from \$5.

Taxus baccata fastigiata, Irish Yew. Popular specimen evergreen making a close growing neat column of the deepest green soft textured foliage. Occasionally fruiting specimens show brilliant deep red berries. Stands shearing if necessary but stays within bounds for a considerable time. Priced from \$6.50.

THUJA, Arborvitae

Thuja aurea nana, Bzrckman's Golden Arborvitae. One of the finest dwarf conifers we offer. Makes a compact neat pointed globe of bright yellow foliage. Lustrous and fresh at all times of the year. Seldom over 3 feet tall. Gallon containers \$1.25.

Thuja beverleyensis, Beverly Hills Arborvitae. The best golden pyramidal arbovitae. Tall growing, refined shrub popular for its rich golden yellow foliage. Does not get excessively large. Gallon containers \$1.25.

Thuja occidentalis pyramidalis, Pyramidal Arborvitae. Slow growing, making a dense pyramid of soft green foliage. Usually 6-10 feet high spreading only at the base. Excellent in corners, in lightly shaded gardens, as a background for pools or perennial beds in pots and doorways. This arbovitae has many uses in the planting scheme and is well recommended. Gallon containers \$1.25.

Thuja plicata aurea, Golden Giant Arborvitae. An exceptionally beautiful tree of pyramidal outline and foliage green tinged with gold. No other conifer can equal the apple and sage scent of this tree. Growth is fairly rapid. Makes a wonderful specimen tree if given ample space to grow. Gallon containers \$1.25 each.



FUCHSIA, FANFARE

GENERAL LIST

NOTE: Varieties marked with (*) have trailing growth and are suitable for hanging baskets.

4" Pots 50c, Gallon containers 85c

***America.** Single orange red corolla, long deep rose to orange sepals.

Anna. Sepals and base of petals carmine with outer half of petals a magenta color. Vigorous grower.

Ave Maria. The closest to an all-white Fuchsia. Medium size double flowers with spreading petals and reflexed pointed sepals. Short tube. Plant of medium vigor with stiff upright branching growth.

***Butterfly.** Single, large rose and crimson. Good grower.

***Cascade.** One of the finest trailers, corolla deep carmine, sepals white flushed with carmine.

***Claret Cup.** Very large flowers with pale carmine sepals.

Crescendo. Double flowers of medium size. Sepals turkey red; petals turkey red with outer third a lovely shade of peony purple.

Fanfare. Very large trumpet of pure flaming scarlet.

Fascination. Petals soft rose, streaked deep pink sepals.

***Galli Curci.** Single. Tube and sepals a waxy shell pink stained with rose on the reverse; petals pink suffused with violet.

Gay Senorita. Single. The short tube and sepals a deep rose-red. Petals lilac flushed with rose; margined with white.

Grenadier. Fully double. Petals violet purple; sepals long and pointed, scarlet.

Gypsy Queen. Deep crimson calyx, large double rose-mauve corolla.

Henri Poincare. Pointed red sepals, long intense blue corolla.

***Lindissima.** Large double pink to mauve corolla. Red sepals.

Lucky Strike. Large semi-double bluish orchid corolla, pink sepals.

Fuchsias

SPECIAL

TWO NEW FUCHSIA INTRODUCTIONS

4-inch pots, \$1.50 each.

Sunburst. Semi-double flowers of medium size with pale crimson petals and horizontally extending sepals of pale carmine supported by a creamy-white tube. The tube veined and marbled with carmine. Free blooming and a strong growing Fuchsia.

Sacramento. Self-colored single flowers. Light carmine with inflated and very waxy tube. Sepals are recurved and petals long and straight showing a pleated effect. Plant bushy and free branching.

***Marinka.** Rosy scarlet corolla, and scarlet sepals. Fine trailer.

Melody. Perfect shaped pink in pastel shades. Much desired.

***Molesworth.** Large double. White corolla, red sepals.

Mrs. Rundel. Long white tube with long pointed flesh colored sepals. Petals vivid orange.

***Muriel.** Large single. Scarlet sepals, petals rosy lilac.

***Pan America.** Large double flowers of red and white.

Patty Evans. Beautiful double snow white corolla with very long white sepals tinted light pink.

Reiter's Giant. Largest double Fuchsia known. The color ranges from crimson to dark purple, good bush variety.

Richard Diener. An extraordinarily large single. Red sepals are extra wide spreading. Petals white suffused with pink and veined with red; serrated and spreading.

***San Francisco.** Long tube with very long pointed sepals of flesh color. Vivid orange corolla; a beauty.

Storm King. Sepals dark carmine, corolla white, shaded rose.

***Victory.** Sepals are exceptionally long and carmine in color. Corolla is a semi-double rose color. Good trailer.

Winston Churchill. Large double flowers. Sepals rose pink; petals light magenta shaded with blue.



FUCHSIA, GYPSY QUEEN

The Garden Aristocrat for a Shaded Location

Rhododendrons

Large specimens available in some varieties.

The flowers of this well known shrub attract thousands to Golden Gate Park each spring for a gorgeous display. It is not difficult to grow Rhododendrons. They are not the tender plants many suppose. They do well most anywhere if planted in a partially shaded location. In planting use plenty of PEAT MOSS, and fertilize with ACID PLANT FOOD after the blooming season has passed.

Our plants are all grafted, well branched and with flower buds. Ready for planting about December, and may be safely planted from then on until spring.

Plants Priced from \$6.50

Alice. Deep pink.

Brittania. Brilliant red.

Cynthia. Rosy crimson.

Cornubia. Brilliant red, first to bloom at Golden Gate Park.

Eureka Maid (Improved Pink Pearl). Large trusses of flowers in a deeper, non-fading pink.

Lord Roberts. Dark red with black markings.

Mrs. R. S. Holford. Rich salmon, large trusses.

Pink Pearl. Very popular light pink.

Mrs C. S. Sargent. Clear red.

Unknown Warrior. Fine fiery red.

Rhododendron fragrantissimum. A truly fine plant. Large white lily-shaped flowers with exquisite fragrance. Grows quite tall and should be planted in the background. Priced from \$6.00.



RHODODENDRON, CORNUBIA

Exquisite New Rhododendrons

**WE ARE OFFERING THE FOLLOWING
FOR THE FIRST TIME**

Priced from \$10.00

Beauty of Littleworth. Fine large white; base of flower lightly marked with rich crimson.

Butterfly. Pale lemon color with a large chocolate blotch. Good trusses of wide open flowers.

Cottage Gardens Pride. Tall trusses of pink flowers with purple blotches.

Cottage Gardens Unique. Distinct variety, excellent for bedding. Large trusses of pale yellow flowers.

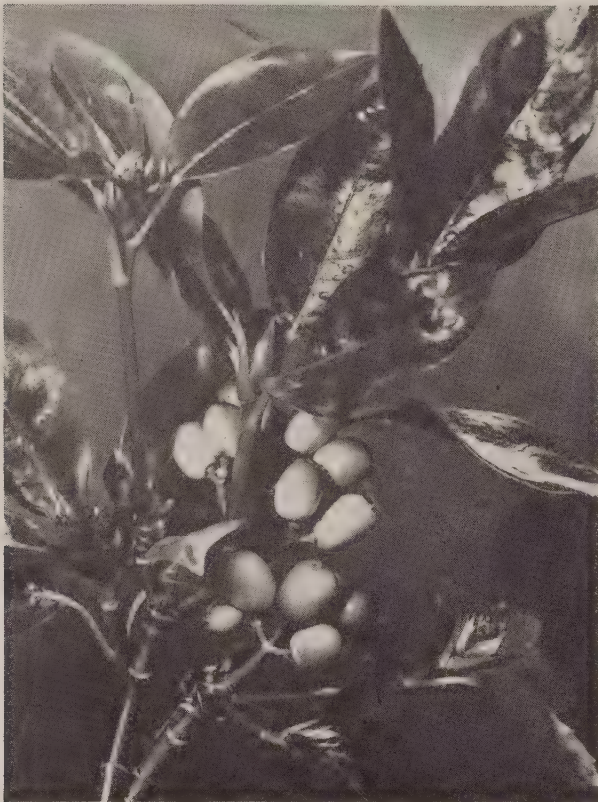
Goldsworth Yellow. Apricot changing to primrose; the center of each flower slightly spotted ochre. Free flowering.

Lady Primrose. One of the best yellows. Compact and well shaped trusses of clear lemon yellow flowers.



DAPHNE ODORA (See Page 14)

Evergreen Shrubs of Medium Height for Shady Locations



AUCUBA

This plant group contains the aristocrats of all the plant groups and is headed by the CAMELLIAS and DAPHNES. These plants used in conjunction with the plants listed as LOW Growing Shade plants will give a profusion of color for several months in the Spring. In planting use plenty of PEAT MOSS, and fertilize with ACID PLANT FOOD after the blooming season has passed. (DON'T fertilize DAPHNES.) Average height 4-6 ft.

ANDROMEDA, Lily of the Valley Bush

Pieris japonica. Low compact evergreen. Small pointed deep green leaves, bronzy when new and graceful drooping clusters of white bell-shaped flowers in spring. Priced from \$3.50.

AUCUBA, Gold Dust Plant

Aucuba japonica variegata. Slow growing plant for shaded places or tubs. The large glossy pointed leaves are spotted or speckled with gold and bright red berries. Give plenty of water. Grows in the deepest shade where other plants fail. Plant in groups, using at least one male plant. Gallon container \$1.00, 5-gallon container \$3.00.

CAMELLIAS

See complete list, pages 24 and 25.

CHOISYA, Mexican Orange

Choisya ternata. Bright green neat foliage; a shrub of good proportions, easy to grow in sun or shade. Clusters of fragrant white flowers almost continuously. Gallon container \$1.00. Balled plants from \$3.00.

COPROSMA

Coprosma baueri. Unique round highly polished dark green leaves cover this medium-size shrub. Useful in foundation planting. Not much for flowers but the little orange berries are attractive. Does better in sea-coast districts. Gallon container 85c, 5-gallon container \$2.50.

DAPHNE

Daphne odora. Dense low shrub with fine evergreen foliage and clusters of exquisitely fragrant waxy white or pink flowers from January to March. Good drainage is necessary. Full sun, coastal areas, partial to full shade in warmer regions. Gallon container \$1.25, balled and burlapped \$3.50 up.

KALMIA, Mountain Laurel

Kalmia latifolia. Related to the Rhododendron and making an ideal companion plant in plantings of Rhododendrons and Azaleas. Dainty small pink and white flowers in large clusters. Balled and burlapped \$4.50.

MAHONIA, Oregon Grape

Mahonia aquifolium. Medium size shrub with bronzy holly-like leaves. Rich yellow flowers in spring followed by bluish grape-like berries. Gallon container \$1.00, 5-gallon container \$2.75.

OSMANTHUS

Osmanthus aquifolium. Excellent holly-leaved shrub with dark green leaves, making one of the finest foliage plants for shade. Leaves similar to English Holly but smaller. Gallon container \$1.00, 5-gallon container \$3.00.

RAPHIOLEPIS (Also see page 4.)

Raphiolepis indica rosea, Pink Indian Hawthorn. A new variety with bright pink flowers and neat glossy foliage. Exceptionally fine for low plantings. Gallon container \$1.50, balled \$3.50.

SKIMMIA

Skimmia japonica. One of the best evergreen shrubs, leathery medium green laurel-like leaves, small white flowers followed by coral red berries. Groups well with Rhododendron, Azaleas and Kalmia. Priced from \$3.50.

VIBURNUM (Also see pages 15 and 18.)

Viburnum suspensum, Sandankwa. Medium size shrub with lush foliage; white to rose pink flowers and scarlet berries. Slow growth and attractive either as a specimen or hedge. Gallon container 85c, 5-gallon container \$2.75.



SKIMMIA

Tall Evergreen Shrubs for Shade



ABUTILON, FLOWERING MAPLE

These plants form the back drop for the spectacular flowering plants of the other shade groups; or they may best be used for screened planting in shady areas.

ABUTILON, Flowering Maple

Abutilon hybrids. Popular shrubs with maple-like leaves and lantern-shaped flowers hanging all over the plants. In assorted colors, red, yellow, orange, and white. Sun or shade; hardy. Gallon container \$1.00.

ARALIA

Aralia sieboldi. Wonderful shrub for tropical effects. Bold glossy foliage. Makes an excellent tub plant. Gallon container \$1.00, 5-gallon container \$3.00.

AZARA

Azara microphylla. Graceful shrub with arching branches clothed with small glossy green leaves. Inconspicuous chocolate-scented flowers, followed by orange berries. Effectively used as screening shrub. Gallon container \$1.00, 5-gallon container \$3.00.

CESTRUMS

Cestrum elegans. Quick growing shrub with large downy leaves and masses of red tubular flowers in spring and early summer. Gallon container \$1.00, 5-gallon container \$3.00.

Cestrum parqui, Night Scented Jasmine. Rapid growing shrub with light green leaves and inconspicuous flowers but very fragrant in the evening. The delightful perfume lends enchantment to all out of doors. Gallon container \$1.00, 5-gallon container \$3.00.

EUGENIA

Eugenia myrtifolia. A dense growing shrub with creamy white flowers followed by attractive purple berries around the holidays. New growth reddish, later turning greener. Gallon containers \$1.00, 5-gallon containers priced from \$3.00.



VIBURNUM TINUS

PODOCARPUS

Podocarpus elongatus, Fern Leaf Pine. Finely cut foliage on upright, graceful plants. Tender. Gallon container \$1.25.

PRUNUS

Prunus laurocerasus, English Laurel. Large shrub or small tree with broad, heavy glossy leaves slightly serrated. Flowers are white followed by black cherry like fruits. Gallon containers \$1.00, 5-gallon containers \$3.00.

Prunus lusitanica, Portuguese Laurel. Easily distinguished by its somber, very dark green sharply serrated leaves which usually show a tendency to fold upwards. Flowers white. Gallon container 85c, 5-gallon container \$2.75.

VIBURNUMS (Also see pages 14 and 18.)

A hardy lot of good substantial shrubs useful in foundation planting, shrub borders, or as hedges. Some have fragrant flowers, others ornamental berries.

Viburnum japonicum. Fast growing shrub. Large glossy leathery leaves suggest English Laurel. Gallon container 85c, 5-gallon container \$3.00.

Viburnum odoratissimum. Very handsome. Large oval leaves of dark green often reddish and very fragrant pure white flowers in large clusters. Part shade. Gallon container 85c.

Viburnum Tinus (Laurestinus). Large shrub with rather small deep green shiny leaves, great clusters of white flowers followed by small deep blue berries. Gallon containers 85c, 5-gallon container \$3.00.

Pelargoniums Are Like Summer Flowering Azaleas



PELARGONIUMS

4-inch Pots 75c, 6-inch Pots \$1.50

Pelargoniums, often called Martha Washington Geraniums, are the large flowered types, usually with fewer and larger flowers to the umbel and variously marked, splotted and pencilled with darker colors. They are showy plants used as specimens, in pots for the showy flowers which resemble Azaleas. Prune back in early February.

Amanda. Reddish scarlet center; upper petals white with black blotches.

Azalea. Large rosy red similar to Marie Vogel, but with more pink in the lower petals.

Beverly Hills. Amaranth-pink with large flowers. An improved German Glory.

Chicago Market. Delicate amaranth pink with red blotches on the upper petals.

Cyril Warren. A definite burly red with two dark blotches.

Empress of Russia. Very dark purple, black in center with white on outer edges. Most unusual and striking.

Everett Studerus. Very definite pink with darker rose markings.

Gardener's Joy. White with dark blotches on upper petals. Ruffled. Early flowering.

Grandma Fischer. Rich clear salmon with dark blotches. Large ruffled flowers. Vigorous upright habit of growth. Early flowering.

Haille Selassie. Dark rose violet, paler toward edges. Heavily veined. Petals blotched velvety brown.

Joan Fontaine. The best of the new varieties. Compact plants. Flowers are deep red and heavily veined. Large flowers. Early.

Lowell. Large and beautiful flowers—red with black blotches.

Mackensen. Immense clusters of fiery rose-pink flowers. Dark blotches on upper petals. Upright bushy growth. Large blooms.

Marie Rober. Purple magenta to black. The finest and darkest Pelargonium.

Marie Vogel. Red, faintly flushed salmon. Dark blotches on upper petals. Flowers large with wavy petals. Early.

Mary Bard. Free-flowering giant. Snow white with slight mallow purple markings in the center of flower.

Three New and Outstanding PELARGONIUMS

OFFERED FOR THE FIRST TIME!

4-inch pots, \$1.50 each.

(Not Illustrated)

Ballerina. The best pink yet introduced. Large, ruffled flowers in immense clusters. Very free flowering spreading plant. Soft pastel or shell pink with crimson center. The lower petals show 2 or 3 pin stripes of red near the base; upper petals veined a deeper red and flushed orange.

Rhapsody. Large flowers with wavy margins, on plant of upright growth. Gains attention because of the harmonious combination of three colors—lower petals salmon-pink tinted orange; upper two petals dark velvety crimson-black with orange-salmon margin. Veins of lower petals crimson.

Stardust. Large ruffled flowers, rated the best lilac Pelargonium ever shown. Pale lilac with a shimmering frosty quality. Upper petals blotched with deep velvety violet and flushed rose.

Mrs. Loyal. Pansy-like flowers. White with dark purple blotches.
Neale Warren. A beautiful white with blotches of orchid on each petal.

Springtime. Daintily ruffled, distinctly colored, bright pink with white throat. Long blooming period.

Sue Jarret. Salmon pink with unusual markings; upper petals with velvety maroon blotches, lighter at base to a dark round center spot.

GERANIUMS

Geraniums, which are also botanically Pelargoniums, are somewhat hardier. They produce a tremendous show of flowers in the heat of summer, especially so with young plants. For this reason they are used for bedding purposes. In California they are hardy outdoors and eventually make showy shrubs. In comparison with the Pelargoniums the flowers are usually of one color, the individual flowers smaller and more brightly colored.

IN A LARGE ASSORTMENT—ALL COLORS

4-inch Pots, 50c each.

Appleblossom. Delicate pink center shading to white at edges.

California. Carmine-rose with white eye. Very large flowers.

Honeymoon. Single, light pink, flushed apricot.

Improved Poitevine. Coral pink, free bloomer.

Marguerite de Layre. Large trusses of pure white.

Maxine Kovalsky (Santa Barbara). Orange red, free blooming. Fine for bedding.

Mrs. E. G. Hill. Soft shades of salmon, semi-dwarf, resisting heat of sun. Continuous bloom. An excellent bedding variety.

Radio Red. Velvety red flowers resistant to heat of sun. Continuous bloomer.

White Madonna. Double, pure white. Free flowering.

IVY GERANIUMS

Ivy Geraniums are a creeping or prostrate type used mostly in window boxes and hanging baskets or as a ground cover. As a ground cover they are very attractive and seldom exceed one foot in height.

4-inch Pots, 50c each.

Chas. Turner. Pink. **Lavender Gem.** Lavender.

Contesse Gray. Red. **Mrs. Banks.** White.

Joseph Warren. Purple.

Deciduous Flowering Shrubs

This group of shrubs includes many showy flowering types familiar to garden lovers. For this they are sometimes called "Old Fashioned", but they fill a definite need in our present day gardens. Their habit of blooming when coming into leaf or before, makes the flowers very showy. To liven up a planting of evergreen shrubs we suggest planting them among the evergreens.

As specimen plants *Erythrina*, *Daubentonia*, *Hydrangea*, *Philadelphus*, *Lilacs*, *Cydonia* and others will speak for themselves.

Most of this group bloom early in the season when flowers are very welcome in the garden. You can't go wrong in planting these choice types.

BERBERIS, Barberry (Also see page 5.)

***Berberis thunbergii atropurpurea*.** Rich lustrous bronzy red foliage and brilliant red berries. Makes a dense, bushy shrub, best in full sun. Gallon container \$1.00.

CALYCANTHUS, Sweet Shrub

***Calycanthus floridus*.** Very fragrant double chocolate colored flowers. Blooms early in April and lasts for several weeks. Makes a shrub about 6 feet and is best in shady locations. 5-gallon container \$2.00.

CYDONIA, Flowering Quince

Long lasting, magnificent blooms in mid winter. Grows to a height of 4 feet. Glossy green foliage throughout the summer. A few well placed twigs, cut while in bud will open in water and make a striking arrangement.

We recommend the following named varieties: Priced from \$2.50 up.

Early Orange. Very showy for early bloom.

Blood Red. Excellent deep shade.

Mt. Everest. Flowers white with lavender tips to petals.

Pink Beauty. Flowers pink, shaded with rose.

Stanford Red. Richly colored, vivid red.



JAPANESE RED LEAVED BARBERRY



CYDONIA, FLOWERING QUINCE

DEUTZIA

***Deutzia gracilis*.** One of the best dwarf shrubs we offer. The graceful habit and large clusters of pure white flowers are very attractive. Blooms in June. Grows to 5 feet. Gallon container \$1.50.

DAUBENTONIA, Scarlet Wistaria Tree

***Daubentonia tripeti*.** Large bushy shrub or small tree about 6 feet tall and covered in June with small clusters of Wistaria-like flowers of bright orange-red. The pea shaped flowers have a yellow spot at the base. Gallon containers \$1.50.

ERYTHRINA, Coral Tree

***Erythrina crista-galli*.** Shrubby tree growing to 8 feet tall becoming ablaze in June with huge clusters of bright coral-red pea shaped flowers. Unbelievably brilliant. Gallon containers \$1.50.

FORSYTHIA

***Forsythia Fortunei*.** Early spring flowering shrub with graceful branches and clusters of bright yellow bell-shaped flowers. Can be cut before bloom and forced indoors in water. Hardy; to 10 feet. Blooms from March to April. 5-gallon container \$2.00.

HYDRANGEA

***Hydrangeas, French hybrids*.** Excellent shrubs for shady places where the soil can be slightly acid. Some varieties will produce blue flowers if the soil is treated to a light application of aluminum or iron sulphate. We have the best popular varieties. Summer and Fall bloomers. Gallon container \$1.50.

***Hydrangea hortensis*.** Dense shrub with bold dark green leaves and masses of pink or blue flowers in ball shaped clusters. To 5 feet. Gallon container \$1.00.

KERRIA

***Kerria japonica*.** Popular shrub with clean looking, light green foliage and double yellow flowers for a long period. To 8 feet. Gallon container \$1.00.



HYBRID LILAC, SYRINGA

KOLKWITZIA, Beautybush

Kolkwitzia amabilis. 6 feet. A charming shrub with beautiful trumpet-shaped flowers resembling Weigela and Honeysuckle appearing in May and June. Pale pink with orange veins in the throat and darker buds. Gallon container \$1.00.

LIPPIA, Lemon Verbena

Lippia citriodora. Not much of a show but has been popular a long time because of the lemon fragrance of the foliage and flowers. Flower sprays have a delicate structure and perfume. To 10 feet. Gallon container \$1.00.

PHILADELPHUS, Mock-Orange

Philadelphus virginialis. Few shrubs give such a glorious display of flowers in early summer. Masses of large, double and semi-double pure white fragrant flowers cover the shrub during May and June. To 6 feet. Hardy and reliable bloomer. 5-gallon container \$2.00.

PRUNUS, Flowering Almond

Prunus nana. Shrubby 5-foot tree with long slender branches laden during April and May with delicate, very double flowers like small roses. Available in pink or white. Gallon container \$1.50.

PUNICA, Flowering Pomegranate

Punica granatum nana. To 2½ feet, never reaches a large size. Excellent for low formal hedges or as a low shrub in foundation plantings. A lively little plant with red flowers, May to November, interesting red fruits, but small stature. Gallon container 85c.

Punica granatum rubra. To 6 feet. Valuable summer flowering, tall growing shrub with vivid orange-red double flowers from May to almost the end of summer. Very showy and desirable. 5-gallon container \$2.50.

SPIRAEA, Bridal Wreath

Spiraea prunifolia. Hardy shrub with graceful branches, light green leaves and masses of showy white double flowers of exquisite beauty in April. Grows 6 to 8 feet. 5-gallon container \$2.00.

Spiraea, Anthony Waterer. A dwarf 2 to 3 foot shrub, valuable for its showy flat clusters of bright red flowers during mid-summer, especially when other flowers are scarce. 5-gallon container \$2.00.

Spiraea van houttei. This well known 6-foot shrub is grown in every part of the country. Hardy even in the most severe places, it graces the long arching branches with pure white flowers in such profusion as to suggest snow banks in May. 5-gallon container \$2.00.

New Lilacs!

We are offering for the first time commercially these two outstanding lilacs from the famous W. B. Clarke collection. 5-gallon containers priced from \$4.50.

Mood Indigo. New single variety, very large individual flowers of deep orchid purple.

Mountain Haze. Huge clusters of large single flowers of a delicate bluish purple shade, very fragrant, and an unusually heavy bloomer.

SYRINGA, Lilacs

We carry a large stock of this favorite shrub with old and new varieties in double and single flowers. Colors available include white, blue, purple, lavender (lilac) and wine red. Priced from \$1.75.

TAMARIX

Tamarix africana, African Tamarix. Lovely dusty pink blooms on long arching branches make an interesting light symphony with the feathery cypress-like foliage. Blooms in Spring. Gallon container \$1.00.

VIBURNUM, Snowball (Also see pages 14 and 15.)

Viburnum opulus sterile, Common Snowball. This well known hardy shrub is easy to grow in California. Abundant white globular flowers in May and June. To 8 feet. Sun. 5-gallon container \$2.00.

Viburnum burkwoodi. A very fine hybrid form, to 6 feet. Excellent waxy green foliage. The glory of this shrub is its large clusters of waxy, fragrant flowers—larger and prettier than those of *Viburnum carlesii*, from March to April. Very choice. Gallon container \$1.25.

Viburnum carlesii. Lower growing, 4-5 feet, making a dense, neat shrub for sunny places. Flowers waxy pink and fragrant. April to May. Gallon containers \$1.25.

WEIGELA

Weigela Eva Rathke. To 8 feet. Rich ruby-red trumpet-shaped flowers April to May. Hardy, sun. Gallon container \$1.00.

Weigela rosea. Large clusters of bright pink flowers in spring and early summer. To 8 feet. Gallon container \$1.00.

Deciduous Shade and Flowering Trees

PRICES QUOTED IN 5-GALLON CONTAINERS

The trees listed here are called deciduous because they naturally lose their leaves during the winter months. All are hardy anywhere, for among them are such familiar trees as Birch, Poplar, Sycamore and Elm. Their value lies chiefly in giving cool shade in summer and allowing the warm rays of the sun to penetrate in winter, when that is most desirable. Some are first rate flowering trees like Flowering Apricots, Cherries, Peaches and Plums.

ACER, Maple

Acer dasycarpum, Silver Maple. A fast growing tree admirably suited for planting as a shade tree. In the fall the light green leaves with their silvery undersides turn a brilliant gold and scarlet. \$3.50 each.

Acer negundo, Ash Leaf Maple. Sometimes called Box Elder. A very hardy tree making a rounded headed tree 40 feet high. Fast growing; leaves not like maple at all since they resemble Ash. Very hardy. \$3.50 each.

Acer palmatum atropurpureum. The dwarf leaf variety of Japanese Maple, attains a height of 8 feet in time. The slow growth, attractive foliage of brilliant red is one of the greatest attractions in the garden. \$5.00 up.

Acer palmatum dissectum purpureum. Drooping Japanese Maple. Leaves of this variety are finely cut. Makes an excellent specimen for planting in rockeries. \$5.00 up.

Acer platanoides, Norway Maple. 20 to 30 feet. One of the best maples for street planting. Fairly fast growing, making a rounded head of lustrous, deep green, very attractive foliage. Useful where rows of symmetrical trees are desired. \$3.50 each.

Acer saccharum, Sugar Maple. This native American tree is most colorful in the fall when the leaves are bright yellow, orange and scarlet. Thrives in sun as well as shade. This is the tree from which Maple sugar is made. \$3.50 each.

AESCULUS, Horsechestnut

Aesculus carnea, Pink Horsechestnut. A tall compact tree similar to the common variety but not as massive in appearance. Flowers vary from flesh color to scarlet. Very effective as a street tree. \$5.00 each.

BETULA, Birch

Betula alba, White Birch. Beautiful white bark marked with horizontal black lines. Light green foliage shimmers with the slightest breeze. Fine near pools or in front of dark trees. \$2.25 each.

Betula alba laciniata pendula, Cut-leaf Weeping Birch. Like the above except for the gracefully weeping branches and nicely cut leaves. \$3.25 each.

CHERRY, Flowering

Naden. Double soft pink flowers. \$3.50 each.

Kanzan. Early, fragrant heavy blooming variety with large double deep pink flowers. \$3.50 each.

Weeping Double Pink. Large double pink flowers. \$5.00 each.

CORNUS, Flowering Dogwood

Cornus florida, White Flowering Dogwood. Makes a small tree, most effective in shaded locations when the attractive flowers appear. Petals, like those of Poinsettia, are bracts encircling the tiny flowers in the center. Early Spring. \$3.50 each.

Cornus florida rubra, Pink Flowering Dogwood. Like the above but the bracts are a delightful deep pink. \$5.00 each.



TULIP TREE, LIRIODENDRON

CRATAEGUS, Hawthorn

Crataegus carrieri, Carrier's Hawthorn. Small pyramidal tree with single white flowers in spring. The berries which follow are glorious for their large size and quantity, bright scarlet. \$3.50 each.

Crataegus cordata, Washington Thorn. Large waxy scarlet berries, particularly large and ornamental follow the single white flowers and enhance this small pyramidal tree. \$3.50 each.

Crataegus oxycantha splendens, Paul's Scarlet Thorn. Makes a lovely specimen in spring with its double carmine-red flowers. A specimen seen in bloom is long remembered. \$3.50 each.

Double Pink, \$3.50 each. **Double white,** \$3.50 each.

FRAXINUS, Modesto Ash

Fraxinus velutina glabra, Modesto Ash. Fast growing shade tree making a dense crown of dark green foliage. Thrives equally well in the warm interior valleys as on the coast. \$3.50 each.

GINKGO, Maidenhair Tree

Ginkgo biloba, Maidenhair Tree. A beautiful tree of interesting and rapid growth. The foliage resembles that of the Maidenhair Fern. It is free of insects and diseases. \$3.50 each.

KOELREUTERIA, Golden Rain Tree

Koelreuteria paniculata. One of the best medium size trees in cultivation. Flowers are a real bright yellow like sheets of rain. The base of each is marked orange-red. Prefers a sunny location and thrives in alkaline soils. \$3.50.

LABURNUM, Golden Chain Tree

Laburnum vossii. A medium size tree particularly desirable for the long racemes of golden-yellow wistaria like flowers. Blooms during April and May. \$3.50 each.

LIQUIDAMBAR, Sweet Gum

Liquidambar styraciflua, Sweet Gum. Few trees color as well as this slow growing tree with leaves like maple. For parkway plantings or as lawn specimens. It is glorious in fall when it turns deep red. 5-gallon containers \$3.50 each.



MAGNOLIA, SOULANGEANA

LIRIODENDRON, Tulip Tree

Liriodendron tulipifera, Tulip Tree. Tall symmetrical shade tree with straight trunk and dark green leaves. Flowers like inverted tulips of greenish yellow with orange at base. \$3.75 each.

MAGNOLIA (Also see page 21.)

Magnolia soulangeana. Large lily-like flowers; a lovely shade of rose-red margined with soft white. Give plenty of water and a good soil. Priced from \$6.00.

Magnolia stellata, Star Magnolia. Small growing tree or large shrub. Free flowering in Spring. Flowers 3 to 4 inches across, composed of many narrow pinkish white petals. Priced from \$5.00.

PLATANUS, Sycamore

Platanus orientalis, European Sycamore. Handsome symmetrical shade tree for streets and avenues. Dense light green maple-like leaves and greenish white mottled bark on older trees. \$3.50.

POPULUS, Lombardy Poplar

Populus nigra italica, Lombardy Poplar. Tall slender column, excellent as tall accent tree. Requires little room to grow. \$2.75.

PRUNUS, Flowering Peach

Flowering Peaches. One of the most colorful of all flowering trees. The large double flowers literally cover the stems. **Double Red, Double Pink, and Double White.** \$2.50 each.

PRUNUS, Flowering Plum

Prunus blrieriana, Purple Leaf Plum. Brilliant red foliage later turns greenish red. Dainty soft pink double flowers line the long slender stems and twigs in Spring. \$2.75.

Prunus pissardi. The well known Purple Leaf Plum with white flowers early in spring. Makes a small rounded tree about 15 feet high. \$2.75.

Prunus vesuvius. "Burbank's Purple Leaf Plum". A vigorous tree with rich deep purple leaves following the white flowers. Keeps the rich coloring all season, making a colorful 10 foot specimen. \$3.00.

MALUS, Flowering Crabapple

Malus arnoldiana, Arnold Crab. Popular flowering tree or large shrub. Showy red buds and white flowers in early spring. Very effective and showy. Hardy. \$3.00.

Malus floribunda. Large single flowers in typical apple-blossom pink cover the slender graceful branches. Makes a truly lovely sight in Spring. \$3.00.

Malus ioensis plena, Bechtel Crab. Small tree to 15 feet. Crowded in spring with large, fragrant, double pale pink flowers. The bright green leaves which follow are neat all year. \$3.00.

SALIX, Weeping Willow

Salix babylonica, Babylon Weeping Willow. The well known and graceful weeping willow ultimately making a rounded tree 40 feet high with long graceful weeping branches reaching to the ground. \$3.00.

SORBUS, Mountain Ash

Sorbus aucuparia, Mountain Ash. Very attractive tree with feathery foliage and clusters of bright scarlet berries which follow the fluffy white flowers. Grows to 20 feet. \$3.00.

TILIA, Linden

Tilia cordata, Linden Tree. One of the finest ornamental trees. Makes a rounded head of small heart-shaped leaves and fragrant white or yellowish-white flowers. \$3.50.

ULMUS, Chinese Elm (Also see page 21.)

Ulmus pumila, Chinese Elm. Rapid growing, extremely hardy tree. Tolerates most adverse soil and climatic conditions. Holds leaves until very late each Fall. \$2.50.



FLOWERING PEACH, PINK AND WHITE

Evergreen Shade and Flowering Trees

Trees for Year 'Round Foliage

The trees in this group are widely planted for street and shade trees, as lawn specimens or for the lovely flowers of some kinds. The year around foliage is excellent to conceal objectionable views from the house and garden. In this list you will find trees for every purpose.

ACACIA

Acacia baileyana. A popular small tree with feathery blue green foliage and clouds of light yellow flowers in spring. The seed pods, which follow, are light purple and give a nice misty tone to the trees. Gallon container \$1.00, 5-gallon container \$3.00.

Acacia floribunda. Small round headed tree with narrow green leaves and fluffy little yellow flowers intermittently throughout the year. Gallon container \$1.00, 5-gallon container \$3.00.

Acacia latifolia. Excellent for windbreak plantings or hedges. Long leaves and golden yellow flowers. Gallon container \$1.00.

Acacia melanoxylon, Black Acacia. Popular street tree. Makes a close tight crown of dark green leaves. A medium to large tree. Gallon container \$1.00, 5-gallon container \$3.00.

CERATONIA

Ceratonia siliqua, Carob. Hardy, rounded tree with neat dark green foliage. Much planted as a street tree. Free of insects and disease. Drought-resistant. 5-gallon container \$3.50.

CINNAMOMUM, Camphor

Cinnamomum camphora, Camphor. One of the best street trees. Makes a rounded top of light green foliage, aromatic of camphor when crushed. Trees often make a delightful tracery of lower branches. Gallon container \$1.25, 5-gallon container \$3.50.

ERIOBOTYRA, Loquat

Eriobotrya japonica, Loquat. Although essentially a fruit tree prized for its pear-like fruits in early summer, this round headed tree with dark green leaves is often desirable in the background planting. Long leathery leaves, woolly beneath, give a feeling of permanence to the garden. Seedling trees: Gallon container \$1.00, 5-gallon container \$3.50.

EUCALYPTUS

Eucalyptus ficifolia, Scarlet Flowering Gum. Low growing dwarf flowering tree. Large pointed leaves of dark green and great clusters of crimson or scarlet flowers. One of the showiest varieties of Eucalyptus. Gallon container \$1.25, 5-gallon container \$3.50.

Eucalyptus polyanthemus. Hardy, drought-resistant tree assuming an irregular picturesque form. Silvery green round leaves. Gallon container \$1.00, 5-gallon container \$3.00.

Eucalyptus sideroxylon rosea. A larger tree, 20 to 40 feet high making a beautiful round head of deep green long narrow leaves and large clusters of pink flowers. Gallon container \$1.00, 5-gallon container \$3.00.

Eucalyptus viminalis. The best tall Gum. Makes an ideal specimen tree for shade and street planting. Narrow, light green leaves on gracefully hanging branchlets. Gallon container \$1.00, 5-gallon container \$3.00.

FREMONTIA, Flannelbush

Fremontia mexicana, Flannelbush. One of our finest native shrubs. Deeply cut wooly leaves and yellow-orange cup-shaped flowers in early spring are a glorious combination. Full sun and dry porous soil make it useful for semi-wild plantings in dry places. Gallon container \$1.50.



FREMONTIA MEXICANA

GREVILLEA, Silk Oak

Grevillea robusta, Silk Oak. Large tree with pyramidal, narrow crown of fern-like foliage lightened in early summer with masses of fluffy golden yellow flowers. Fine as a street tree. Gallon container \$1.00, 5-gallon container \$3.00.

MAGNOLIA (Also see page 20.)

Magnolia grandiflora, Southern Magnolia. Large growing evergreen tree, always neat in its glossy foliage. The immense white fragrant water-lily-like flowers appear throughout the summer. Give generous amounts of water for better blooms. Gallon container \$1.25, 5-gallon container \$3.50.

QUERCUS, Oak

Quercus agrifolia, California Live Oak. One of the best for home grounds and street planting, the native oak, with its picturesque habit and evergreen foliage is easy to grow if given care and careful water. 5-gallon container \$3.50.

SCHINUS, Pepper Tree

Schinus molle, California Pepper Tree. Rapid growing trees with gnarled trunks and graceful weeping branchlets of feathery texture. Pretty with red berries in winter. Hardy, thrives in poor, light soil. Gallon container \$1.00, 5-gallon container \$3.00.

ULMUS, Evergreen Elm (Also see page 20.)

Ulmus parvifolia, Evergreen Chinese Elm. Small tree with spreading crown of slender drooping branchlets and bright green leaves. Rapidly becoming a popular small tree for street and shade use. Gallon container \$1.25, 5-gallon container \$3.50.

Climbing and Trailing Plants---Vines



BIGNONIA CHERERE

AMPELOPSIS

Ampelopsis quinquefolia, Virginia Creeper. Large five fingered leaves turning intensely scarlet in fall. Rapid climber, clinging to walls, very hardy, therefore useful in the mountains. Gallon container \$1.00.

Ampelopsis tricuspidata, Boston Ivy. Cling to any rough surface without help, covering large areas with delicate light green foliage, which in fall turns many brilliant hues of red. Very hardy and deciduous. Gallon container \$1.00.

BIGNONIA, Trumpet Vine

Bignonia cherere, Scarlet Trumpet Vine. Free growing vine with deep green glossy evergreen foliage and large clusters of 4-inch trumpets; bright red with yellow throat and tints of yellow on the tubes. Reliable bloom. Gallon container \$1.00, 5-gallon containers \$3.50 up.

Bignonia tweediana, Yellow Trumpet Vine. Clinging vine for wood or masonry. Hardy. Flowers about 2 inches long, bright canary yellow in generous clusters. Gallon container \$1.00, 5-gallon containers \$3.50 up.

Bignonia violacea, Painted Trumpet Vine. An excellent vine for foliage. Gallon container \$1.00, 5-gallon containers \$3.50 up.

BOUGAINVILLEA

No vine is more typical of California than Bougainvillea with its lavish display of color, from the dry desert regions to the sea coast, on Spanish type houses and over walls and fences. In planting be careful not to break ball of soil when removing from containers. This injury may cause them to die. Otherwise they are free and rapid growers.

Bougainvillea A-Merrick-An. Spectacular new variety equal in hardiness and robust growth as *braziliensis* but with large bright red flowers. Gallon container \$2.50, 5-gallon containers \$7.50 up.

Bougainvillea braziliensis. Large showy rosy-purple flowers of a pleasing color produced in quantity most of the year, heaviest show in winter and spring. Hardest of all. Sun. Gallon container \$2.00, 5-gallon containers \$5.00 up.

Bougainvillea Crimson Lake. Rich bright deep crimson flowers most of the year. Very popular variety. Vigorous but fairly tender. Full sun. Gallon container \$2.00, 5-gallon containers \$5.00 up.

Vines should be considered in all plantings, some for their foliage and others for their exquisite bloom. There are vines that will cling to masonry and wood without additional support such as Ampelopsis, Ficus and English Ivy. Others are dependent on trellis work on which they will naturally twine—Honey-suckle, Bignonia and many others. They are extremely valuable to add interest to blank walls, to provide shade for arbors and summer houses, others to cover fences and walls.

CLEMATIS, Large Flowering Varieties

Available after April 1. Success with Clematis depends greatly on the situation in which they are planted. The ideal planting site provides a cool shaded area for the roots and full sun or part shade for the tops. Shade can be provided for the roots by planting on the north or east side of a bushy shrub or by erecting a sun-shield of shingles near the base of the plants. Care must be taken in planting and tying. New stems are slender and brittle. Clematis supports itself by means of tendrils that twist readily about a wire or string. Gallon containers \$1.25.

Clematis henryi. Large shiny white blooms.

Clematis jackmani. Popular large flowered type with velvety deep purple petals. Profuse.

Clematis Montana. Small, white flowers in April. Will grow in shade.

Clematis Mme. Edouard Andre. Bright velvety red.

Clematis Ramona. Large lavender blue flowers.

FICUS

Ficus repens, Creeping Fig. Evergreen vine with very small, dark green foliage which adheres closely to the walls. Gallon container 85c.



PRIMROSE JASMINE (See Page 23)

GELSEMIUM, Jessamine

Gelsemium sempervirens, Carolina Jessamine. Beautiful evergreen twiner. Small tubular yellow flowers with an elusive fragrance and wide flaring mouths cover the vine in great abundance, starting in December and for several months. Sun. Gallon container \$1.00.

HEDERA, Ivy (Also see page 35.)

Hedera helix, English Ivy. English Ivy makes a delightful ground cover of glossy dark green leaves. It is useful to train over a wire fence where it makes a dense impenetrable hedge needing little care. Useful for pot culture indoors, in patios and shade houses. Sun or shade. Gallon container 75c, plants in flats, doz. \$1.00, flats \$6.00.

Hedera canariensis variegated, Variegated Ivy. Large heart-shaped glossy foliage. Very decorative used as a vine. Gallon container 85c, small plants in flats, doz. \$1.00, flats \$6.00.

Hedera h. conglomerata. Very dwarf Ivy with small leaves in tight irregular bunches. One of the best ivies for pots. 75c each.

Hedera h. Hahn's Self-branching. One of best types for pot culture. Needs no pinching out to cause branching. 4-in. pots \$1.00.

JASMINUM, Jasmines

Jasminum grandiflorum, Spanish Jasmine. A slender vigorous vine with clusters of large fragrant white flowers from June to November. Very fine vine for trellises or to clamber over fences. Gallon container \$1.00.

Jasminum primulinum, Primrose Jasmine. Fast growing old-fashioned vine with double yellow flowers in winter. Fine for covering steep unsightly banks. Minimum of water. Sun. Gallon container \$1.00.

LONICERA, Honeysuckle

Lonicera halliana, Hall's Japanese Honeysuckle. An old favorite. Vigorous vine useful for its evergreen foliage and soil binding roots as a ground cover or on fences. Fragrant flowers, white fading to yellow. Gallon container 85c.

Lonicera hildebrandiana, Giant Burmese Honeysuckle. Not like the graceful honeysuckles listed above, this giant of a vine has beautiful light green leathery leaves and curious intensely fragrant flowers, with long tubes often to 6 inches, in good sized clusters. Open yellow then assume a reddish tint before they fall. 5-gallon container \$7.50.

MANDEVILLA, Chilean Jasmine

Mandevilla suaveolens. Hardy, vigorous vine with large, long pointed leaves and great clusters of long tubular white, deliciously fragrant flowers. Very showy. Gallon container \$1.00.

PASSIFLORA, Passion Flower

Passiflora edulis, Passion Fruit. Grown mostly for the fruit which is eaten fresh or more recently made into fruit juices. The ripe fruit resembles deep purple plums. Gallon container \$1.25.

Passiflora mollissima, Pink Passion Vine. Leaves like the others, three lobed, but the flowers are large and rose pink in color. Gallon containers \$1.25.

Passiflora pfordi. Large blue flowers year around; lush foliage. New. Gallon container \$1.50.

PLUMBAGO

Plumbago capensis. Excellent ornamental shrub of refined habit, good foliage and showy blue flowers all summer and at a time when good flowers are scarce. Easy to grow and happy under all conditions. Semi-climbing, it can be easily trained as a vine. Gallon container 85c, 5-gallon container \$2.75.

POLYGONUM

Polygonum auberti, Lace Vine. Hardy quick growing vine covered with panicles of lacy, creamy white flowers all summer. Endures drouth and neglect. Gallon container \$1.00.



WISTERIA

SOLANUM

Solanum jasminoides, White Potato Vine. Delicate, graceful vine assuming good proportions when established and almost continuously in bloom. Flowers in good sized clusters, star-shaped, white with purple and yellow centers. Very pretty. Gallon container \$1.00.

Solanum rantonetti, Blue Potato Vine. Use either as a vine or shrub. Makes a dense rounded growth of deep green foliage and is covered most of the season with one-inch round flowers which are deep purple with small bright orange centers. Does best in a protected location. Gallon container \$1.75.

SOLLYA (Also see page 35.)

Sollya heterophylla, Australian Bluebell. Small leaved partly climbing shrub, very useful as a ground cover or low climber covered well in early summer with numerous blue, bell-shaped flowers that hang from the stem. Hardy, require good drainage. Sun. Gal'on container \$1.00.

TECOMA

Tecoma capensis, Cape Honeysuckle. Leaves are shiny deep green, always neat in appearance with clusters of bright orange-red flowers, suggestive of honeysuckles. Hardy. Sun. Gallon container \$1.00.

TRACHELOSPERMUM (Rhynchospermum)

Trachelospermum jasminoides, Star Jasmine. Evergreen vine bearing clusters of showy white star-like flowers with lovely fragrance. One of the finest vines for shady places. Grows equally well in sun. Particularly fragrant in the evening. Splendid foliage. Excellent in tubs. Gallon container \$1.50, 5-gallon container \$5.00.

WISTERIA

Deciduous vines well known in all parts of the country for their long hanging clusters of pea-shaped flowers of delicate coloring and exquisite fragrance. Makes a delicate tracery of stems on arbors and in spring, before the leaves appear, is a sudden burst of color. Grafted plants in purple, white, pink, or blue. 5-gallon containers \$2.50 up.



CAMELLIA KUMASAKA

PINK

Empress of India. Peony type flowers in an unusual salmon shade. \$3.50.

Grandiflora rosea. Very large semi-double pink. Broad waxy petals, neatly veined, surround a high cluster of bright yellow stamens. \$3.50.

Imperator. Large double salmon-pink flowers. Very attractive with petals and stamens intermixed. \$2.50.

John Laing. Full double, medium large, symmetrical flowers. \$2.50.

Kumasaka. Large, loosely formed double flowers. Rose-pink. Central petals curled and twisted but showing some golden stamens. Good grower. \$3.50.

Lady Campbell (Covina). Bright, clear rose-pink flowers. Quite double. Strong, vigorous growth. \$2.00.

Marchioness of Exeter. Salmon pink. Double peony-type. \$4.50.

Mme. Hovey. Double, loosely petaled, with prominent stamens. Deep rose-pink. \$2.75.

Pink Ball. An irregular double flower. Flowers open a beautiful shell pink and gradually deepen as the flowers age. \$4.50.

NEW AND RARE CAMELLIA

The Camellia Everyone Is Talking About

RETICULATA

Have you seen the wonderful specimen of Camellia which is kept under lock and key at the University of California Botanical Gardens? Such beautiful flowers and unusual foliage. A sight you will long remember!

This old and rare Camellia was discovered in the Yunnan Province of China, about 1820. It is still one of the most rare and beautiful varieties.

Extremely large semi-double deep pink flowers, petals much ruffled and irregular. Foliage long pointed, light green and heavily veined. Loose, upright growth. Very late bloomer.

Price: \$25.00 each.

Camellias

Of all the evergreen shrubs grown in California, few can rival the lovely Camellia's exquisite beauty. They bloom throughout the winter and spring months with a succession of flowers in single, semi-double to full double and some peony-type with the center made up of many twisted and tightly placed petals much like the Peony. Even after the blooming season is over the deep glossy foliage and dense habit of growth present an attractive appearance. They are easy to grow in a sheltered location. In San Francisco they can be planted in full sun. Where the climate is warmer a location giving them shade during the hottest part of the day is desirable, for example, on the east side of a building. The soil should be slightly acid and well drained. Before planting work in a generous amount of leaf mold and peat moss, plus sand if you have a heavy soil. Fertilize Camellias, Azaleas and Rhododendrons with ACID fertilizers.

All prices listed are for plants in gallon containers.

Larger plants individually priced.

We suggest you visit the nursery and select your plants during the blooming season.

Pink Perfection. Fully double. The most popular light pink variety. Petals neatly arranged, making a tight, symmetrical flower. \$2.50.

Rosita. Very double, perfectly formed medium flowers. Petals neatly and symmetrically arranged, rose-pink. Vigorous growing variety. \$2.00.

Stardust. Dark pink 4-inch flowers of the Chandleri type. \$2.50.

RED

Cheerful. Late and profuse blooming. Flowers medium size, fully double and bright cherry red. This is a sturdy plant; popular because it blooms so freely. \$2.00.

C. M. Hovey. Huge flowers, often 7 inches across, are uniformly brilliant scarlet, beautifully veined. Double with high pointed center. Very fine. \$3.50.

Clarke Red. Double, symmetrical blooms from February to May. A prolific bloomer. \$2.00.



CAMELLIA GRANDIFLORA ROSEA

Colonel Firey. To amateurs and experts alike Col. Firey is rated as one of the finest of all red Camellias. Flowers of good size with many overlapping petals making a flat face. Rich glowing crimson. \$4.50.

Emperor of Russia. Huge double red flowers, one of the showiest reds. Five to six inches across with very waxy petals around a center of small recurved petals. Brilliant scarlet, occasionally flecked. February-May. \$4.50.

Elena Nobile. This Camellia is medium large, double vermillion red of upright growth. Late bloomer. \$3.00.

H. A. Downing. Very large semi-double flowers. Vermillion-red petals loosely and attractively arranged. \$3.50.

Julia Drayton. Double red, blooms of exceptional beauty. The petals are wide and lie more or less flat, showing a golden column of stiff upright stamens. The foliage is large, dark and handsome. An outstanding variety. January-April. \$3.50.

Maraschino. Bright red double flowers. Petals opening to make a cup-like arrangement. \$2.00.

Prince Eugene Napoleon (Pope Pius IX). Very large, perfectly shaped bright red flowers. One of the best Camellias. \$4.50.

Princess Bacciochi. Large modified peony-type of rich carmine red with bright yellow stamens. Compact growth. \$2.50.

Professor Sargent. Unusual scarlet flowers. Full peony-type. Semi-dwarf, free flowering Camellia, rated among the top few \$3.00.

Wakanoura Red. Semi-double rosy-red flowers with prominent golden yellow stamens. \$2.50.



CAMELLIA CHANDLERI ELEGANS

WHITE

Alba plena. Finest of all white Camellias. Fully double flowers often 6 inches across. Lovely and delicate. \$3.50.

Alba plena fimbriata. Double, pure white flowers of glistening white similar to Alba plena but edges of petals fringed. \$4.50.



CAMELLIA JORDAN'S PRIDE

Alba superba (formerly listed as John G. Drayton). Best semi-double white. Pure white with enormous petals. Flowers 4 to 5 inches across. \$2.50.

Lotus (grandiflora alba). Largest of the fine white flowered Camellias. Informal. Semi-double. Rare and much sought after. \$3.50.

Purity. Symmetrical double flowers. Large size, snow white, showing a few golden stamens. Popular. \$2.50.

VARIEGATED

Belia Ramona. Large light pink double flowers profusely striped with crimson. \$2.75.

Chandleri elegans. Largest and most popular peony-flowered Camellia. Soft rose with a center of tightly curled petals, often showing white markings. \$3.50.

Daikaigura. Blooming early in the season, thus extending the flowering season of Camellias at least a month. Broad outer petals enclose a center of smaller twisted petals. Bright rose with splashes of white. \$3.50.

Fanny Bolis. Very large, semi-double red flowers blotched with white. \$3.00.

Jordan's Pride (Hermes). Delightful medium flowers. Petals large, broad, light pink with broad irregular border of white. Fragrant. \$2.75.

Monjisu Variegated (Donklaeri). Deep red splashed with white. \$2.50.

SASANQUA TYPES

A new form of Camellia, more loosely growing plants than ordinary Camellias. The foliage is smaller but very shiny light green and they are particularly suitable for espalier training against walls, etc. We have several named varieties, such as:

Apple Blossom, white with pink; **Hugh Evans**, pink; **White Dove**, white. \$3.00.

Flower Seeds and Plants



ASTER, CREGO WILT-RESISTANT

AGERATUM

Dwarf compact plants especially adapted to edging and planting along the front edges of flower beds. They flourish in any soil, sun or part shade.

Midget Blue. Very fine dwarf 2 to 3 inches high, forming a neat little tuft of foliage smothered with dainty, fluffy, Ageratum blue flowers. Pkt. 15c.

Blue Ball. Compact round plants 6 inches tall hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. Pkt. 10c.

ALYSSUM

Very popular for edging and bedding. Blooms the entire season. A nice plant for pots or boxes for winter blooming.

Violet Queen. Dwarf compact and neat in habit; free-flowering plants with sweetly scented flowers in a very deep, rich shade of violet. Pkt. 15c.

Carpet of Snow. Rapidly becoming a favorite variety. Very low and close growing, making a carpet of pure white about 3 inches high. Pkt. 10c.



AGERATUM, MIDGET BLUE

This group contains some of the most popular and colorful plants for a quick succession of bloom. They are particularly useful in city gardens. We have a large assortment of these plants in flats. Price of plants unless otherwise noted is 50c per dozen, \$2.00 per flat. Seeds per packet is given for each variety.

ASTERS

These popular summer flowering annuals need little said about them for they are truly very colorful and lovely both in the garden and as cut flowers. Give a rich, well cultivated soil.

Improved Crego, Wilt Resistant. Large shaggy flowers with long curled petals. Plants are strong, heavily branched and about 2½ feet high. One of the most popular and reliable strains.

Blue Flame. Pkt. 10c.

Purple. Pkt. 10c.

Crimson. Pkt. 10c.

Rose. Pkt. 10c.

Peach Blossom. Pkt. 10c.

White. Pkt. 10c.

Crego, Finest Mixed. Pkt. 10c.

Improved Giants of California, Sunshine. A fascinating type with flowers 3 to 4 inches across and composed of a loose row of outer petals arranged around a quill-like yellow central disc. 2-2½ feet high with long stems for cutting.

Mixed. Pkt. 15c.

BACHELOR BUTTON

CORNFLOWER, CENTAUREA

Jubilee Gem. Dwarf, compact plants about one foot high and literally covered with flowers. One of the best blue forms and fine for cutting. Easy to grow. Pkt. 10c.

Blue Boy. Pkt. 10c.

Pinkie. Pkt. 10c.

Snowman. Pkt. 10c.

Mixed. Pkt. 10c.

CALENDULA

Free flowering and hardy. The modern varieties of this old favorite are grand for color and cutting. Sow in open or transplant from flats most any time. Full sun. 18-24 inches.

Campfire Improved. Bright deep orange with a scarlet sheen on the upper side of each petal. Flowers flat, 3 to 4 inches across. Fine for cutting. Pkt. 10c.

Chrysantha (Sunshine). Loosely arranged petals—incurved at center; reflexed at edges much like a chrysanthemum—in a pure buttercup yellow. Long wiry stems for cutting. Pkt. 10c.

Lemon Queen. Large, rich lemon yellow flowers. Pkt. 10c.

Orange King. Deep orange with darker center. Pkt. 10c.

COSMOS

No garden is complete without Cosmos, whose gorgeous flowers supply a colorful effect during late summer and fall. They are fine for cutting as the flowers last well in water.

Sensation Mixed. Finest large flowering type. Pkt. 10c.

Early Double Crested. Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms. Mixed. Pkt. 15c.

CINERARIA

Very showy flowers for pots in the conservatory and in beds outdoors where they need partial shade. Start seed in late summer for winter and spring bloom or in early spring for summer bloom. Give protection during the coldest weather.

California Super Giants Mixed. Big rounded trusses of immense 3 to 4 inch flowers, in brilliant shades of blue, purple, salmon, white and wine red. Strong and compact, 16-20 inches. Pkt. 50c.

Stellata Feltham Beauty. An easy strain to grow. Star-shaped flowers in a variety of colors, many with white eyes. Pkt. 25c.

CYNOGLOSSUM

Firmament. Compact bushy plants with sprays of deep blue, Forget-me-not like flowers. 15-18 inches. Sow seed in summer for bloom in late autumn and winter; or in spring for summer bloom. Pkt. 15c.

DAHLIA

Unwins Dwarf Hybrids Mixed. Provide a mass of color in the garden and splendid flowers for cutting—many doubled. Includes yellow, apricot, lavender-pink, purple, scarlet, buff and white. Give a rich porous soil and ample moisture. Will bloom first year from seed and bulbs of best seedlings may be lifted and stored as are other dahlias. Pkt. 25c.

DIANTHUS

Plumarius, Scotch Pink. Double fringed flowers ranging from white through pink to dark rose, delightful clove fragrance. Best in half to full sun. Sow seed or plant out any time. Popular hardy perennial. Pkt. 15c.

Heddewigii Laciniatus Double Mixed. Superb flowers rivaling the Carnation in size and doubled blossoms. Excellent for bouquets. Pkt. 10c.

FORGET-ME-NOTS

(See also Cynoglossum)

Low growing annual plants making an ideal cover for beds of Rhododendrons, Fuchsias or Azaleas. Best for shaded beds but for winter bloom set plants in half to full sun. Close picking of flowers will greatly prolong life of the plants.

Alpestris. Light blue, pink buds; free branching.

Blue Basket. Dark blue, fairly upright growth.

Any of above, pkt. 10c.

GODETIA

Of all the garden annuals few are more lovely than this. Exceedingly lovely in beds and the satiny flowers last well after cutting. Sow in fall for early bloom or in spring. Best in a well-drained, rather poor soil. Full sun. 12-18 inches.

Duke of York. Bright scarlet. Single, upright.

Kelvedon Glory. Salmon-orange, single.

Sybil Sherwood. Salmon-pink, faintly edged with white. Single.

All double Azalea Flowered Mixture.

Any of the above, pkt. 10c.

GAILLARDIA

Gaillardia picta. Showy annuals growing about two feet high and producing a profuse amount of colorful daisies. Red, yellow, and red and yellow in a delightful mixture. Pkt. 10c.

HOLLYHOCK

Indispensable to old-fashioned gardens or borders. They make a quick growing screen and may be used as accent points in a new planting.

Double Mixed. Pkt. 10c.

LARKSPUR

Annual delphiniums have finely cut, feathery foliage to set off the handsome spikes of large double blooms. Sow from September to May or set out plants from February to June. Sun.

Giant Imperial Mixed. Good color mixture of this marvellous new type. Pkt. 10c.

Blue Spire. Very deep violet blue. Pkt. 10c.

LINARIA

BABY SNAPDRAGON

Fairy Bouquet. A gem for the border or rock garden, this dwarf compact form produces a mass of dainty flowers in many colors. **Mixed.** Pkt. 10c.

LOBELIAS

A dainty compact growing annual for continuous bloom. It is unexcelled for borders, hanging baskets or window boxes. For early bloom start seed in November. Cut back in late summer for good autumn bloom.

Crystal Palace. Best dark blue for edging. Compact, very free blooming.



MARIGOLD FLASH

Cambridge Blue. Light blue, large flowers, green foliage.

Sapphire. Trailing, light blue flowers with white eye. For hanging baskets or window boxes.

Any of above, pkt. 10c.

MARIGOLDS

For late season bloom, when other flowers are passed their prime these plants furnish an abundance of color. For best effects arrange the flowers loosely in a bowl or vase. In the garden plant the tall kinds in the border, reserving the dwarf kinds for bedding and edging.

TALL AFRICAN MARIGOLDS

This class grows 2 to 3 feet tall with large flowers on long stems. Blooming season not quite as long as that of the French type.

Sunset Giants Mixed. Immense flowers in shades of orange and yellow.

Yellow Supreme. Clear lemon yellow, Carnation type.

Guinea Gold. Orange-gold, carnation type. Odorless foliage.

Any of above, Pkt. 10c.

DWARF FRENCH MARIGOLDS

Flowers charming and distinct—scabiosa-like in form with tubular central petals flanked by broad guard petals, often in different colors.

Flash. Bright orange, free flowering.

Yellow Pigmy. Light lemon yellow, small double flowers.

Scarlet Glow. Deep red, dwarf.

Mixed, Double Harmony Hybrids.

TALL FRENCH MIXTURE.

Any of above, Pkt. 10c.



NEMESIA COMPACTA TRIUMPH

NASTURTIUM

For ease of culture few flowers respond with as much color for so little attention. Give a moderately good soil, not rich, well drained and lots of sun and they give an endless profusion of bloom within a few weeks until frost. Pkt. 10c, oz. 25c.

Golden Gleam. Semi-double, golden yellow, fragrant flowers. 18 inches with only short runners.

Scarlet Gleam. Red, rich dazzling scarlet, like above.

Gleam Hybrids Mixed. Contains many colors: salmon, golden-yellow, orange, scarlet, cerise, cream, maroon and crimson.

Trailing and Tall Varieties. Special mixture, including dark leaved kinds.

Dwarf Mixed. Pkt. 10c, oz. 25c.

NEMESIA

Showy annuals growing about 1 foot high. Excellent to sow in bulb beds, for bedding and planting in borders. Sow in early autumn for winter and early spring bloom. For late bloom sow from February to May in half sun or light shade.

Compacta Triumph. Finest mixed colors. Pkt. 15c.

NIEREMBERGIA

Purple Robe. The improved type with deep purple flowers. A grand border or edging plant not over 6 inches high. Pkt. 25c.

NEMOPHILA

Insignis (Baby Blue Eyes). Semi-trailing 6 to 10 inch plant with saucer-shaped blue flowers with white eyes. Fine for wild plantings or as a bulb cover. Sow October to February. Pkt. 10c.

PANSIES

Of all annuals, Pansies are the most commonly grown and most loved. They grow under a wide range of conditions but flower most freely in half sun or partial shade. The soil should be loose, rich, and well drained. Seed and plants may be set out almost any month.

Dwarf Swiss Giants. Giant flowers of splendid form and substance, in rich and striking color combinations. Pkt. 35c.

Steele's Jumbo Mixture. Early, giant flowers in bright colors. Our "Best Seller", particularly popular with professional gardeners because of its reliability as to size, vigor and color. Pkt. 50c.

PHLOX DRUMMONDI

A valuable and showy annual highly rated for bedding, for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in spring.

Mixed colors. Pkt. 10c.

PETUNIAS

Regardless of the weather, Petunias are the most reliable and continuous blooming of all our summer annuals. No flower surpasses them for massing in beds or borders. Seed may be sown in flats in January or up to May and the plants set out from late March to September.

Heavenly Blue. Light blue, silvery tones, varies somewhat.

Rose of Heaven. Pink, brilliant shade of rose pink.

Rosy Morn. Pink, soft rose pink, white throat.

Choice Mixture. Extra dwarf strain containing an excellent blend of colors: Rose, silver blue, deep violet, white and rich violet blue.

Any of above, Pkt. 15c.

Elks Pride. Purple, large velvety deep purple flowers.

Velvet Ball. Red, deep mahogany shade, large flowers.

Any of above, Pkt. 35c.

Petunia Balcony Mixture. Popular strain for bedding and use in window boxes. Flowers 2½ to 3 inches across, larger than the dwarf Small flowered strain. Height 15 to 18 inches, spreading 18 to 24 inches. Pkt. 10c.

Ruffled Monsters. Beautifully ruffled large flowers in medium to dark shades with contrasting throats. Half dwarf, erect. Pkt. 35c.

Dwarf Giants of California, Romona. A sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well-marked throat. Ideal for bedding. Pkt. 35c.

POPPIES

Annual Poppies. Sow in open any time from October to May where they are to flower. Thin to at least 6 inches apart and keep flowers picked to prolong bloom.

Single Shirley Mixed. Colors range from white through pink to dark centered red. Very brilliant. Pkt. 10c. No plants.

Iceland Poppies. Perennial but best as annuals sown in autumn or from January to March for later bloom. Flowers picked in the bud stage will open indoors. Keep picked for longer bloom.

Gartford Giants Art Shades. New strain—large flowers, long stems. Soft pastel shades. Pkt. 15c.

PORTULACA

Tender annuals for spring and summer bloom. Best in a dry location with full sun. Sow seed after weather is warm or transplant from flats.

Double Mixed. Double one-inch flowers in gay colors, yellow, salmon, rose, and red. Pkt. 15c.

PRIMULA

Malacoides. Treat as an annual, sowing seed in July and August for winter flowers or in early spring for May and June flowers. Plants may be set out from October to April in half to full sun. Late plantings may be made in semi-shade. 8 to 12 inches.

Princess Mary. Lavender pink, large flowers.

True Rose. Rose pink, rich color.

Snowflake. Pure white.

Double Fairy Jewels. Pink double, rich rose pink.

Double Twinkles. Pink double, soft flesh pink.

Any of above, Pkt. 50c.

SALPIGLOSSIS

Painted tongue. Beautifully veined lily-like flowers on branching stems in many brilliant tones such as blue, purple, rose and scarlet. Sow in late February to May and transplant when weather is warm. **Dwarf Mixed.** Pkt. 10c.

Tall Emperor. Mixed. Pkt. 10c.

SCABIOSA

Pin Cushion Flower. Beautiful hardy annuals about 2½ feet tall and in bloom from early July without interruption until frost. Popular as cut flowers.

Giant Hybrids Mixed. Pkt. 10c.

SCHIZANTHUS

Butterfly Orchid. Half hardy annual for bedding and pot culture. Flowers are showy, in various colors. Sow in early autumn for winter bloom or from February to May for summer bloom. Prefer a rich loose soil. 12-15 inches.

Butterfly Mixture. Free flowering, compact plants. Pkt. 15c.

SNAPDRAGON

One of our finest annuals for garden decoration and cutting. They prefer a light soil in a sunny location. Sow seed or set plants out any time. Our varieties are of the best rust-resistant types.

MAXIMUM OR SUPER GIANT TYPE

Grows 3 to 3½ feet high with large flowers on branching stems. Ideal for cutting or tall borders and background plantings.

Alaska. White.

Copper Queen. Copper shades.

Campfire. Scarlet.

Crimson Monarch. Crimson.

Canary Bird. Yellow.

Pink Glory. Deep salmon rose.

Christmas Candle. Maroon red.

Pink Sensation. Pure pink.

Rosalie. Rose.

Any of above, Pkt. 15c.

SUPER MAJESTIC TYPE

18 to 24 inches, a good height for bedding—low branching and compact. Individual flowers large and brightly colored.

Amber and Gold. Amber hoods, gold lips and rose tubes. Fine.

Autumn Glow. Old rose.

Harmony. Yellow and terra cotta.

Orange Shades. Rose overlaid tangerine and orange.

Red Rocket. Fiery red.

Rose Sensation. Finest rose pink.

Shasta. White.



SALPIGLOSSIS, TALL EMPEROR (See Page 28)

Silver Pink. Deep pink with white blotch.

Yellow Jacket. Yellow, deep.

Mixed. Any of above, Pkt. 15c, 6 pkts. 75c.

STOCKS

Popular annuals for winter, spring and summer bloom. Sow seed from July to April. Plants may be set from September to June, setting 6 to 8 inches apart. This close planting allows for the removal of single types as they come into bloom without spoiling the mass effect of the bed.

Early Giant Imperial. 24-28 inches. Freely branching, strong stems. Have a high percentage of double flowers.

Antique Copper. Copper red.

Elks Pride. Royal purple.

Blood Red. Brilliant dark shade.

Flesh. Delicate pink.

Canary Yellow. Creamy yellow.

Lavender. Silvery lilac.

Chamois. Ivory, tinted old rose.

Old Rose. Soft rose pink.

Dark Blue.

Snow White. White.

Any of above, Pkt. 15c.

GIANTS OF CALIFORNIA. This comparatively new tall branching group of Stocks is now rated number one by the florists. They are very early flowering, produce long branches if planted well apart, and have extra long flowering spikes with immense individual florets.

Apple blossom. Blush pink, tinted white.

Santa Barbara. Chamois.

Santa Maria. White.

Golden Gate. Yellow.

Sequoia. Rose carmine.

Monterey. Pink.

Tahoe. Lavender.

Pacific. Blue.

Yosemite. Rose.

Red Woods. Blood red.

Exquisite Mixed.

Any of above, Pkt. 15c.

VIRGINIAN STOCK

Hardy, profuse blooming annual growing about 6 inches high. Sow seed at frequent intervals during spring and summer for a continuous bloom. Easy culture. Ideal cover for bulb beds.

Mixed colors. Pkt. 15c, ½ oz. 60c, 1 oz. \$1.00.



STOCKS, GIANTS OF CALIFORNIA



SWEET PEAS

SWEET PEAS

Early Spencer. This type deserves more attention from the home gardener who can depend on it coming into flower three to four weeks earlier than the late varieties. Flowers are large, long-stemmed and beautifully ruffled.

All colors, Pkt. 15c; 6 for 75c; oz. 60c.

Best for winter or early spring flowers. Plant from September to February.

Mariner. Blue, long stem.	Bridesmaid. Silvery pink.
Oriental. Deep cream.	Shirley Temple. Rose pink.
Harmony. Clear lavender.	Laddie. Giant rose.
Treasure Island. Golden orange.	Hope Improved. Pure paper white, black seeded.

Choice Mixture. Price: Pkt. 10c, 6 for 50c, per oz. 50c.

Giant Summer Flowering Sweet Peas. Plant from February to August.

Reflection. Clear blue.	Youth. Pink.
What Joy. Cream, white seeded.	Bonnie Briar. Rose pink, large.
Red Boy. Crimson.	Olympia. Rich purple.
Ambition. Lavender.	Welcome. Dazzling scarlet.
Colorado. Bright orange.	Sextet Queen. White, black seeded.

Silver Gilt Medal Mixture. This mixture is grown from a special formula, built up and perfected during many years. It contains over 75 standard varieties including all the best novelties of the past year. The color blend is, we believe, as near perfection as it is possible to attain. Pkt. 10c, oz. 45c.

We offer the mixed varieties in 2-inch plant bands, price 10c each, \$1.00 per doz. This is one of the best way to plant Sweet Peas. Set 4 inches apart and in a 6-inch deep trench. As the plants grow the soil is gradually filled in ensuring a deep root growth for better and longer lasting blooms.

MEXICAN SUNFLOWER

Tithonia. This native of Mexico is one of our best late flowers. Free branching and covered with bright red daisy-like flowers until very late in fall. Excellent as a cut flower. Pkt. 25c.

VERBENA

One of the most popular garden annuals for beds where a gorgeous mass of color continues throughout the summer. Not over a foot high. Sow seed September to May; plants March to July, allowing 18 to 24 inches for spread.

Mixed Colors. Red, white and blue. Pkt. 15c.

VIOLA

Flowers smaller and more profuse than Pansies. Although they will endure light shade they are best in full sun. Sow from August to March. Set plants out any time.

Arkwright Ruby. Ruby red. Pkt. 25c.

Blue Perfection. Medium violet blue. Pkt. 15c.

Chantreyland. Rich apricot. Pkt. 25c.

Lutea Splendens. Clear yellow. Pkt. 15c.

Primrose Dame. Sulphur yellow. Pkt. 25c.

White Perfection. Pure white. Pkt. 15c.

WALLFLOWER

Hardy annuals for full sun or partial shade. Grow 1 to 2 feet high and have delightfully scented flowers. Sow seed from September to March; set plants from October to April.

Mixed. Choice mixture of best strains. Pkt. 10c.

ZINNIA

One of the most popular showy annuals for summer beds and borders. Excellent for cutting and easy to grow in most any soil. Sow seed from March to July; set plants in April to August.

Super Crown of Gold, Pastel Tints. Finest large flowering type. Contains a wide range of pastel colors, including soft yellow, old gold, light pink, various shades of salmon, peach and buff, white and cream. Each petal is overlaid with deep golden yellow at the base. **Mixed only.** Pkt. 15c.

California Giant. One of the finest long-stemmed Zinnias. Makes an excellent cut flower. Grows 2 to 4 feet high and the flowers, 5 to 6 inches across are large, flattened and rather graceful in effect. Pkt. 10c.

Gold Medal Dahlia Flowered Zinnias. Very robust plants 2½-3 feet tall, well branched. Huge flowers resemble show type dahlias. Set plants 12 to 18 inches apart in the garden.

Canary Bird. Canary yellow.

Crimson Monarch. Deep crimson.

Golden Dawn. Golden yellow.

Illumination. Deep rose, self colored.

Oriole. Orange and gold bicolor.

Polar Bear. White.

Scarlet Flame. Bright scarlet.

Will Rogers. Brilliant scarlet red.

Mixed colors.

Any of above, Pkt. 10c.

Lilliput Zinnias. Among the most popular Zinnias for cutting. The flowers are small and compact; very symmetrical. Stems strong; plants 1½ to 2 feet tall. Pkt. 10c.

Perennial Plants for Beds and Borders

The garden is not complete without little seasonal touches of color and interesting flowers. Plant some between those favorite shrubs, under trees where they cover bulbs or just in a perennial border where a succession of bloom is achieved by a skillful planting of many kinds, each in sufficient number to make a show in its season. Most of the following are perennial or live for several seasons so the soil in which they are planted should be well enriched with manure and spaded deep and well. When planting mix a handful of bone meal to each plant. Be sure all fertilizers are well mixed with the soil and do not come in contact with the roots.

Plants marked with * are also available in 4-inch plant bands at 35c cents each or 3 for \$1.00.

Price of perennial plants 75c per doz., \$2.50 per flat except where noted.

***Agathea coelestis, Blue Marguerite.** 12-15 inches, compact plants covered with one-inch blue, yellow centered daisies. Almost continuously in bloom. Half to full sun.

Agapanthus umbellatus, Blue Lily of the Nile. Bears large clusters of lovely blue lily-like flowers on stout, yet graceful 3-foot stalks. Foliage a clump of narrow long leaves. Also white flowered form. Summer. 75c each.

***Alyssum saxatile, Basket of Gold.** Compact growing evergreen covered with bright yellow flowers in May. Excellent ground cover.

***Anchusa.** Lovely deep blue forget-me-not like flowers. A very fine perennial for any garden. Sun. Plant bands only.

Anemone Japonica. One of the most important hardy border plants for late summer or fall blooms. Thrives in shade. White or pink. Gallon container 75c.



COLUMBINE (See Page 32)



TRITOMA (See Page 33)

Arabis. Spreading mound of silvery grey foliage covered in spring with masses of pure white flowers. Fine for rock walls, rock gardens and borders. Half to full sun.

***Arctotis Hybrids, African Daisy.** Flowers 2½-3 inches across in a wide range of autumn colors. Blooms in late winter and spring. 12-18 inches. Gay and colorful.

Armeria, Sea Pink. Diminutive tufts of dark green spring leaves, studded with dark pink flowers. A persistent bloomer from early spring to late summer.

Aster Frikarti, Wonder of Staffa. Bushy perennial with rich green foliage covered completely with 2-inch lavender blue asters from June to December. Indispensable perennial. 50c each.

ASTER, Michaelmas Daisy. These new dwarf Asters are one of the most showy and practical plants for the fall garden. They grow freely in almost any soil, giving a wealth of bloom from August to November.

Aubretia, Rainbow Rock Cress. Low creeping growth of grey-green foliage smothered in spring with masses of lavender-blue Sun. Cut back growth after flowering.

Begonia, Fibrous Rooted. Semi-dwarf varieties useful for bedding, borders or pots. Easy to grow in full sun or semi-shade. preferring a porous, well drained soil.

Fire Sea. Red flowers, green foliage. Height 6 inches.

Prima Donna. Rose, shaded carmine. Height 10 inches.

Rosabeila. Bright pink. Height 10 inches.

White Pearl. Clear white flowers. Height 10 inches.

Any of the above. Pkt. 50c, Plants 75c per dozen, Flat of 5 dozen plants \$2.50.



GERBERAS, TRANSVAAL DAISIES

Bleeding Heart, *Dicentra spectabilis*. The old-fashioned kind with long graceful racemes of bright pink, heart-shaped flowers. Clumps 75c.

***Campanula muralis*.** Low growing tufted plants spreading a foot or so when in bloom. Flowers shallow star-shaped blue bells. Sun or shade. For edging and rockeries.

Candytuft, *Iberis sempervirens*. Evergreen and practically ever-blooming perennial with nice white flowers and dark green foliage. Useful for borders or in the rock garden. Plant at any time.

***Canna*.** Handsome, big foliage and large showy flowers. Blooms from early summer until late fall. White, orange, orange-scarlet, and deep pink. Gallon container 75c each.

****Canterbury Bells*.** Biennial. Cup and saucer type. Large cup-shaped flowers surrounded at the base with a saucer-like rim in the same colors: Blue, rose or white. Sun.

****Carnation, Chabaud's Giants*.** Popular hardy variety with blooms 2-2½ inches across. Comes 100 per cent double. Mixed colors. From seed.

CARNATIONS, FANCY HYBRIDS. An improved strain of giant everblooming varieties. Extremely satisfactory garden plants and for cut flowers. Good color assortment. 50c each, \$5.00 dozen.

****Catnip, Nepeta mussini*.** Silvery gray foliage with 8 to 12-inch spikes of lavender blue flowers from May to August. For hot dry places. Aromatic.

***Chrysanthemums*.** Available in May and June. Write for descriptive list. 25c each, 5 for \$1.00.

****Columbine*.** Mixture of long spurred hybrids in many colors—white, yellow, red, pink and blue. Sun or shade. 2 feet.

***Convolvulus mauritanicus, Blue Morocco Creeper*.** Light gray-green creeper with pale lavender cup-shaped flowers all summer. Like tiny morning glories, not weedy, excellent ground cover. 6 inches or less. Sun or light shade. 50c each.

****Coral Bells, Heuchera*.** Low attractive heart-shaped leaves and slender-stemmed, 8 to 10-inch sprays of bell-shaped red flowers. Full sun or light shade. Flowers spring and early summer. . .

****Coreopsis, Mayfield Giant*.** An improved strain with golden yellow flowers of graceful habit, blooming all summer and fall in sunny positions.

****Coreopsis, Double Sunburst*.** Large deep golden yellow flowers 1½ to 2 inches across. Excellent cut flowers.

***Daisies, Bellis perennis*.** 4 to 6 inches. Popular old-fashioned hardy perennials with white, pink or red flowers. Best in sun.

DAYLILIES, *Hemerocallis*. Handsome clumps of foliage graced with brilliant lilies in yellow and orange shades. Essential to the border as are delphiniums and phlox. Sun or shade. Good assortment of colors. 75c each.

****Delphinium, Pacific Giants*.** Glorious garden plant. Tall stately spikes of large flowers. Light and dark blue, pink, lavender to purple and white. 3 to 5 feet. Sun. Per doz. \$1.00, flats \$3.50.

****Dianthus, Hardy Pinks*.** Double pink, white or red. Excellent varieties. Very fragrant. Sun. Mixed colors.

***Forget-Me-Nots, Myosotis*.** A hardy perennial plant bearing small blue flowers, that thrives in a cool, moist location; grows 6 to 12 inches long.

****Digitalis, Foxglove*.** Stately biennials with long spikes of showy tubular flowers in a nice range of colors. Half shade.

****Gaillardia*.** Best mixed hybrids. 1½ to 2 feet. Fine showy plants for sunny summer gardens. Gay colors—gold zoned with maroon. Long stiff stems for cutting.

***Gazania*.** Gay daisy-like flowers on low 6-inch plants. Popular for borders and parking strips. Full sun. Yellow or orange.

***Gerbera, Transvaal Daisies*.** One of the finest flowers for cutting. Low tufts of leaves and long-stemmed, crisp, long lasting flowers in a brilliant array of colors—solid and pastel. Sun. Divisions 35c, \$3.50 doz., gal. 60c.



SALVIA SPLENDENS (See Page 33)

***Geum**. Popular perennials for the garden and cutting. Grows 1½ to 2 feet and blooms over a long season. Full to half sun. Yellow or red.

***Heliotrope**. Old-fashioned garden flowers. Very sweetly perfumed blue to violet flowers. Light shade. Summer and fall. Gallon container 60c.

***Hollyhocks**. Popular old favorites. 5 to 6 feet. Double mixed in red, pink, yellow and white. Full sun.

Iris, Bearded. Selected varieties. 50 cents each.

***Lobelia cardinalis, Cardinal Flower**. Showy border plant. From tufts of bronzy foliage it sends two-foot spikes of fiery scarlet flowers. Plant from July to October.

***Marguerites**. Indispensable plants making round masses of finely cut leaves and covered with daisy-like flowers in white or yellow. Long blooming. Sun. 2 feet. Gallon container 60c.

Mesembryanthemum, Ice Plant. Daisy-like flowers of low growing habit much used for borders and rockeries. They do well on embankments in poor soil. Colors are yellow, pink, rose, orange and red.

Moraea iridioides, Moraea Iris. Iris-like plant. Flowers are white with yellow and blue markings. Blooming period from spring to late fall. Full sun. 85c.

Moraea bicolor. Flowers creamy yellow with brown markings. 85c.

Nierembergia Purple Robe. Showy low growing mounds of deep purple flowers concealing the fine cut foliage. All summer.

***Penstemon**. Flowers much like Foxglove—short wide open tubes in pink, red and white in 1-foot spikes. In bloom from early summer to frost. Very showy. 2 feet high. Sun.

Perennial Phlox. Showy summer flowers, never fail to give a real show. 2 to 3 feet high. For sunny borders. A fine selection of excellent varieties in red, pink, lavender and white. Gallon container 60c.

Primula polyanthus, Primroses. Lovely spring blooming plants for shady places. Yellow and mixed colors only.



DAY LILIES, HEMEROCALLIS (See Page 32)



PERENNIAL PHLOX

***Pyrethrum, Painted Daisy**. Hardy colorful perennials with 2-inch single daisies on 12-18 inch stems. Mostly rose or pink, a few white or red.

Reinwardtia, Yellow Flax. Dwarf evergreen perennial—deep green foliage and rich yellow flowers. Sun or shade. Gallon container 75c.

Ruellia macrantha. Lovely plant for sun or shade but prefers a sheltered place for best results. Flowers in late winter or early spring are funnel-shaped, deep pink with lavender.

***Salvia Splendens, Scarlet Sage**. 18 inches. The reddest of red flowers. Makes a splash of color over a long season. Sun.

Saxifraga crassifolia. Round leathery leaves and broad round clusters of waxy pink flowers in winter and spring. 50c each.

***Scabiosa caucasica**. Beautiful cut flower. Powdery blue; in bloom most of the year. Full or half sun. 2 feet.

Shasta Daisy, Esther Reed. Entirely double white blooms without any yellow at center. Long blooming season. Sun. 50c.

Shasta Daisy, Marconi. Pure white, semi-double shaggy blooms on strong stems. Excellent cut flowers. Continuous bloomer. 50c.

Sweet William. 12-15 inches, best in full sun or very light shade. Popular old favorite. Mixed colors only.

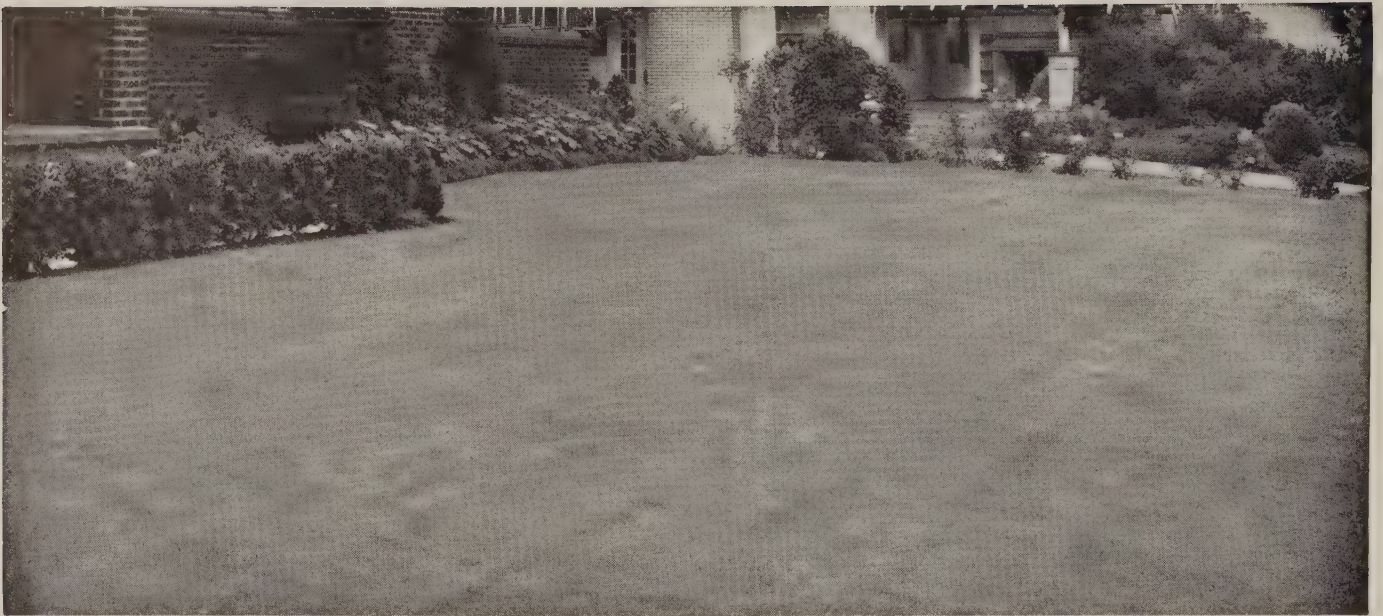
Thalictrum dipterocarpum, Meadowrue. 4 to 6 feet; handsome columbine-like foliage and large, loose airy sprays of rosy-lavender flowers. Sun or light shade. Gallon container 60c.

Tritoma hybrids, Red Hot Poker. Grass-like leaves and flowers like a hot poker—opening yellow and turning a bright scarlet. Sun. Very attractive. 50c.

***Violet, Marie Louise**. Large double flowers that are a rich mauve in color with a slight touch of white in the center. \$2.50 doz., 25c each.

***Violet, Odorata**. The old-fashioned fragrant purple violet.

Wallflowers. Fragrant flowers for sun or shade. Yellow and maroon red mixed.



Lawn Grass Seed

Our Special Mixture. THE BEST ALL-PURPOSE LAWN GRASS SEED. A wonderful mixture made to Treasure Island formula. It is especially prepared by us from the highest quality seeds that can be produced. The very finest varieties are used to make a smooth, green, velvety lawn free from common grasses which are inclined to produce clumps. It is all plump, heavy seed free from chaff or weed seeds. Sow one pound for a plot 10 by 15 (150 square feet). Price, lb. \$1.50, 10 lbs. \$13.50.

Park Lawn Mixture. A blend of hardy, fine-bladed grasses to which is added a small amount of White Clover. It provides an excellent turf which will withstand hard usage. Sow 1 pound to 100 square feet. 1 lb. 70c, 10 lbs. \$6.50.

Shady Lawn Mixture. A blend of fine-bladed grasses made especially for growing in shaded spots and under trees. Sow 1 pound to 150 square feet. 1 lb. \$1.50, 10 lbs. \$13.50.

Astoria Bent. This strain of Bent differs from the Seaside variety in that it does not send out stolens but that it spreads underground, sending up many rootstalks that produce a splendid turf. The growth is upright, of fine texture and is a richer green than Seaside Bent. It is more practical for lawns and succeeds best in heavy soil. Sow 1 pound to 300 square feet. 1 lb. \$2.00, 10 lbs. \$18.00. CERTIFIED SEED.

Highland Bent. A hardy bent grass that spreads underground through strong root stalks. It is fine-leaved, stands upright with a beautiful rich green color. Withstands dry summer heat and makes a serviceable lawn. Sow 1 pound to 300 square feet. 1 lb. \$2.00, 10 lbs. \$18.00.

Seaside Creeping Bent. Coos County strain, is the true creeping bent. The plant is dwarf and it multiplies rapidly by sending out runners in all directions; from these, new plants are produced, and these in turn grow more runners. The turf becomes matted, and if damaged it heals over promptly. Sow 1 pound to 300 square feet. 1 lb. \$2.00, 10 lbs. \$18.00. CERTIFIED SEED.

Creeping Red Fescue. A hardy, fine, round-bladed grass that spreads by underground root-stalks or rhizomes. Slightly reddish at the base. Does well in shade and poor sandy soils. Sow 1 pound to 150 square feet 1 lb. \$1.50, 10 lbs. \$13.50.

Chewings Fescue. Used extensively on putting greens, fairways and tees on golf courses, and does well on any kind of soil. It also produces a stiff, upright plant. Sow 1 pound to 100 square feet 1 lb. \$1.50, 10 lbs. \$13.50.

Kentucky Blue Grass. Makes an excellent lawn of a dark green color. It forms a fine mat, with care and water makes one of the best lawns. Sow 1 pound to 150 square feet. Select grade, 1 lb. \$1.25, 10 lbs. \$11.25.

Perennial Rye Grass. A rapid growing grass where quick results are required. It is coarser than Kentucky Blue Grass and thrives in poor soil. It is used as a "nurse" crop in mixtures to keep the lawn green while the better, slow-growing varieties are becoming established. Sow 1 pound to 100 square feet. 1 lb. 40c, 10 lbs. \$3.60.

Red Top. A fine-bladed grass that succeeds on almost any soil, although it does best under moist conditions. It is used in almost all lawn mixtures. Should not be planted by itself unless specifically recommended. Sow 1 pound to 200 square feet. 1 lb. 50c, 10 lbs. \$4.50.

White Dwarf Clover. Very low growing sort, principally used in poor ground to give a green cover, many like it in lawns, especially where grass does not do well. Sow 1 pound to 300 square feet. 1 lb. \$2.25, 10 lbs. \$20.00.

HOW TO HAVE A GOOD LAWN

Spade the ground as deep as possible and turn several times to see that it is thoroughly pulverized. Work in a good commercial fertilizer. Sheep guano or peat moss will add humus and improve the seed bed. Rake level and water thoroughly so the ground will settle. The seed bed should be allowed to stand for about two weeks, watering from time to time so the weed seeds will sprout.

Roll the ground before seeding, to prevent it from settling unevenly, and then rake the surface lightly. Sow the seed so as to cover the ground thoroughly, and then cover it lightly with soil. Roll again so as to press the seed in firmly. If you have no roller, use boards and tramp on them so as to pack the ground firmly, but a roller is preferred.

Grass seed will germinate in from 8 to 15 days, according to the weather. If a lawn is made during the summer, the ground should be covered lightly with peat after the seed has been rolled, so as to retain the moisture. New lawns should not be allowed to dry out, not even for a half day. For the first 15 days the lawn should be watered twice a day if necessary. A lawn should be fertilized after the first cutting, and at least twice a year. Water well after applying. If you want a moisture-holding material for top-dressing use peat.

Ground Covers

LAWN SUBSTITUTES

Convolvulus mauritanicus. Light grey-green foliage with lavender-blue cup-shaped flowers. Sun or light shade. 50c each.

Dichondra repens: Grows into a thick, green mat which requires no mowing. Must be watered and will not stand heavy frosts. One flat will plant 100 square feet—\$2.50 each.

Evergreen Strawberry (*Fragaria Chiloensis*). Will do well anywhere. Needs very little care or watering but will not stand too much walking on. \$5.00 per flat. Bare root, 100, \$3.00.

Gazania. Bright daisy-like flowers on low plants. Popular for parking strips. Full sun. Doz. 75c, flat of 5 doz. \$2.50.

Hahn's Ivy. A small leaved ivy that makes a neat, green cover. Needs watering and will do best in slight shade. 75c dozen, \$6.00 a hundred, gallon containers 85c and \$8.50 dozen.

Irish Moss (*Arenaria caepitosa*). A dwarf, mosslike plant which forms a thick, rich, green covering. Particularly good in foggy climates. Requires regular watering. Flats covering 50 sq. ft.—\$2.50.

SHADY PLACES

Ajuga reptans. Forms a carpet of rich, bronze-purple leaves with blue flowers. Flats covering 100 sq. ft.—\$2.50. Excellent for shade.

Baby's Tears (*Helxine*). Thrives in cool, damp places to perfection. Flats covering 100 sq. ft.—\$2.00.

English Ivy (*Hedera helix*). For large areas under trees, even on hillsides. An ideal ground cover. \$1.00 dozen, \$6.00 a hundred.

Periwinkle (*Vinca Minor*). This is especially good for permanent plantings as it lasts indefinitely. Always green, it has attractive sky-blue flowers in summer. Clumps 15c, flats \$3.50.

Variegated Ivy. Same as English Ivy, making an unusual color contrast. \$1.00 dozen, \$6.00 a hundred.

STEEP HILLSIDES

Chamomile, Anthemis. Low growing perennial ground cover. Foliage light green and finely cut producing quantities of little daisy-like flowers in summer. Flats, \$2.50 each.

Honeysuckle (*Lonicera*). Evergreen vines that will spread over hillsides where there is plenty of room and a neat appearance is not desired. Very fragrant. Gallon cans 85c, dozen \$8.50.

Hypericum patulum, Gold Flower. An easily grown shrubby plant suitable for dry sunny places, especially on banks or steeper ground. Will get 2 or 3 feet high and is particularly effective when covered with the neat bright golden yellow flowers. Gallon container 85c, quart containers 35c, each, \$3.50 dozen. Flats \$5.00. (Also see page 9.)

Ice Plants (*Mesembryanthemum*). Ideal for dry hillsides where they will grow without water once they are established. The larger leaved kinds are hardier, but the better colors come in the smaller varieties. We have them in pink, red, orange and purple. 75c doz., flat \$2.50, quart size containers 35c, doz. \$3.50.

Juniperus tamariscifolia. Excellent low growing coniferous evergreen shrub. As a ground cover set plants 1 1/2 to 2 feet apart so they can grow together. Makes an even growth, of pleasing green foliage. Needs no attention other than watering and will last for years. Very fine for planting on sloping ground. Gallon container \$1.25, 12 for \$12.50. (Also see page 11.)

Sollya heterophylla, Australian Blue Bell. One of the best shrubs for ground covers. Foliage not too coarse, neat and a bright green color. The flowers are not showy but a clear blue, bell shaped and delicate in appearance. Sollya makes a mounded plant spreading gradually to cover the entire area. Set plants 2 feet apart each way. Gallon container \$1.00, 4-inch plant bands 35c, dozen \$3.50.



ORNAMENTAL STRAWBERRY



HINRICH GAEDE (See Page 37)

Popular Bush Roses

Two-year-old, No. 1 Grade Roses
Priced from \$1.00

Autumn. Burnt orange suffused with russet-brown and bronzy red on a background of rich yellow. Distinct color combination.

Charles P. Kilham. Perfectly shaped, long pointed buds opening to fully double flowers of rich oriental red.

Christopher Stone. Large semi-double vivid scarlet flowers overlaid with velvety crimson. It is unsurpassed for intense damask fragrance. Of vigorous, upright growth with bright green foliage.

Dainty Bess (Single). Very popular single flowering bush rose. The five light shell pink petals enclose a bunch of crimson stamens.

Dame Edith Helen. Large fully double clear rose pink flowers. Perfect buds of delightful fragrance.

Duquessa de Penaranda. Large pointed buds opening to fully double copper-apricot flowers, sometimes showing a dark pink cast. Deeper and more bronzy in fall.

E. G. Hill. Unfading red, immense in size and very double. Dazzling scarlet deepening with age. Fragrant and long lasting.

Etoile de Hollande. One of the finest red roses. Oval medium size buds and magnificent red blooms.

Frau Karl Druschki. Popular everblooming white rose. Immense buds tinged pink on the outside. Flowers large, pure snow white.

Golden Gleam. Excellent pure yellow buds of ideal form, flowers large, double and long lasting when cut.

Hadley. Double well formed large flowers. Rich crimson, sweetly fragrant. Long sturdy stems.

Hoosier Beauty. Continuous blooming. Old standby with beautiful well formed deep scarlet flowers of velvety texture.

J. Otto Thilow. Large double high centered flowers of glowing rose-pink. Constantly in bloom.

Joanna Hill. Glowing apricot, well formed buds and flowers. Excellent for cutting and long lasting.



MRS. P. S. DuPONT (See Page 37)

Patented Roses for the Garden

Of the multitude of new roses offered each season, only a few have merit enough to stay with us. The following are selected for distinctive individuality. Their garden merit has been well proven, therefore, satisfactory performance has established their popularity. Many others are obtainable at the nursery.

Priced slightly higher in containers.

Charlotte Armstrong. (Pat. 455.) Beautiful long, pointed buds of clear cerise-pink, opening to neatly tailored flowers. Petals margined by a thin silvery line. Vigorous mildew-resistant foliage, vigorous and free branching. \$1.50 each.

Eclipse. (Pat. 172.) Streamlined and modern is this pure yellow rose. From the narrow, long buds come double flowers of good substance and great beauty. Holds the color well. \$1.50.

Grand Duchesse Charlotte. (Pat. rights reserved.) Buds a rich claret red changing as the flower opens to a lovely begonia rose. Richly fragrant and unusual in color. \$1.50.

Mme. Henri Guillot (Pat. 337). A distinct and sensational variety. Beautifully formed buds, reddish orange with undertone of gold, opening to rich, deep pink flowers of camellia-like form. Vigorous, symmetrical plants and glossy light green foliage. \$1.50 each.

Peace. (Pat. 591.) The only All-America rose for 1946. Buds are very large and oval in shape opening to large fully double flowers—fully double, on excellent stems. The color is described as "Martius" yellow with pale lemon at the base and showing pink where the petals turn over. \$2.50 each.

Texas Centennial. (Pat. 162.) Blood red sport of Pres. Hoover. Tight buds and high centered flowers toned cerise at center. More carmine in hot weather. \$1.50 each.



PICTURE

Hinrich Gaede. Beautiful long-pointed buds of bright nasturtium red. Long double, high centered flowers of orange-red. Fragrant.

Mme. Cecil Brunner. The ever-popular baby rose, beautifully formed in bud and flower. Light pink shaded salmon at base.

Mme. Edouard Herriot. Long pointed buds of coral red showing yellow shading at the base of petals. Flowers semi-double.

Mrs. E. P. Thom. Long-stemmed buds of perfect form. Flowers of medium size, moderately fragrant; pure deep canary yellow.

Mrs. Pierre S. DuPont. Pointed buds of medium size—reddish golden opening to fragrant flowers in deep golden yellow.

Mrs. Sam McGredy. Buds opening to a large double fragrant flower of copper-orange, flushed with red on outside of petals. Vigorous grower, glossy foliage, lasting flowers and a prolific bloomer.



MCGREDY'S YELLOW

Picture. Vigorous rose. Well-shaped buds and medium size fragrant rose-pink flowers.

President Hoover. Charming combination of cerise-pink, flame, scarlet and yellow. Exquisite fragrance. Long-pointed buds.

Southport. Some reports call it the best red rose and it truly has few equals. A long, vivid scarlet bud with satiny sheen, the open flower fading but very little. Strong, upright growth and a heavy bloomer.

Talisman. An old favorite. Gold, apricot, pink and carmine in splashes and blends. Fairly double, long stemmed blooms.

Climbing Roses

Beautiful subjects to train against walls on trellises or allowed to clamber over rough fences. They have been traditionally used on arbors and pergolas where the bloom can be seen at a distance and easily examined close by. Cut out old wood after blooming, thus encouraging new vigorous growth from the base. This will bloom the next season. \$1.25.

Belle of Portugal. Beautiful vigorous grower offering a profusion of pearl pink blossoms from January to June. Buds are enormous, often reaching 3 to 4 inches in length.

Cecil Brunner. Very popular climber. Vigorous with dainty pink blossoms.

Mrs. E. P. Thom. A rapid growing climber producing quantities of glorious yellow flowers, much more than the bush variety. Rated the best yellow climber.

Paul's Scarlet Climber. Semi-double blossoms of vivid scarlet are borne in clusters of 5 to 20 and envelope the vine in a wealth of brilliant color in spring.

Talisman. This well known rose hardly needs description. It is just like the bush form but a vigorous climber. Lovely red and gold.

Silver Moon. An exquisitely beautiful climber with sprays of gigantic single pure white saucer-shaped flowers.



CHRISTOPHER STONE (See Page 36)



Vegetable Seeds *Vegetable Plants in Season - Per doz. 50c, per flat \$2.00*

BEANS

BEANS, SNAP. Pkt. 10c, ½ lb. 30c, 1 lb. 50c.

Bountiful. Early light green snaps of high quality. 49 days.

Improved Stringless Green Pod. Excellent fine grained stringless flesh. 53 days.

POLE VARIETIES

Kentucky Wonder. Very popular. Dark green, 9 or 10 inches long, always stringless. 65 days.

Kentucky Wonder Wax. Like the above but pods light yellow in color and slightly broader. 68 days.

LIMA BEANS. Pkt. 10c, ½ lb. 30c, 1 lb. 50c.

Fordhook. Potato-type bush variety. In taste much like chestnuts. Very popular. 75 days.

BEETS

Pkt. 10c, 1 oz. 35c.

Detroit Dark Red. Very dark blood red globe shaped beet with small collar and short tap root. Ready in 52 to 55 days.

Extra Early Flat Egyptian. The best early beet. Broad flat beets with long tap roots. Ready in 50 days.

CELERY

Utah. Broad stems, thick, meaty and solid. Excellent flavor. 120 days. Pkt. 10c, oz. \$1.00.

CHARD

Lucillus, Dark Green. Leaves deep green, fleshy, and crumpled. Stalks used like asparagus. 50 days. Pkt. 10c, oz. 35c.

Rhubarb. Very colorful; stalks bright red, leaves deep green giving the appearance of a dwarf rhubarb. 50 days. Pkt. 10c.

CORN

Golden Bantam. Leading golden colored variety for early planting; ears small but numerous; very sweet and tender. 83 days. Pkt. 10c, lb. 50c.

BRUSSELS SPROUTS

Pkt. 10c

Dwarf Improved. Plants dwarf and compact. Stalks 20 inches high, well covered with delicious cabbage-like sprouts. 70 days.

CABBAGE

Pkt. 10c, 1 oz. 50c.

EARLY VARIETIES, MATURING IN 60-65 DAYS

Copenhagen Market. The heads are small, 6 to 7 inches across, tightly formed and clear white inside. Not too large for home use.

Early Jersey Wakefield. Very early, small headed variety like the above. Heads firm, cone shaped, weighing 2 to 2½ pounds.

LATE VARIETIES, MATURING IN 90 TO 100 DAYS

Chinese Improved or Wong Bok. Resembles Cos Lettuce with long tapering pointed heads of crisp leaves. Flavor very mild.

Late Flat Dutch. The best large late cabbage. Heads 12 to 14 inches across and 7 inches deep. Good quality.

Mammoth Red Rock. Very fine late red cabbage. Perfectly round solid heads weighing 6 to 8 pounds each.

Savoy. The deep green, crinkled outer leaves enclose the tender, light green heart. Matures late and will keep all winter.

CAULIFLOWER

Early Snowball. Dwarf early variety making pure white heads about 6 inches across. 55 days. Pkt. 10c and 25c.

CARROTS

Pkt. 10c, 1 oz. 45c, ¼ lb. \$1.35.

Chantenay. Very tender, extra early bunching carrot. Deep golden orange, always smooth and of fine quality. 72 days.

Red Cored Chantenay. Tender and sweet. Flesh reddish-orange. Fine for canning and table use. 72 days.

Danvers Half Long. Deep orange roots 6-7 inches long, uniformly tapered to a blunt end. Flesh crisp and tender. 75 days. inches long with crisp white flesh. 67 days.

Oxheart. Short roots, 4 to 5 inches long, of high quality. The best carrot for heavy soils. 75 days.

CUCUMBER

Pkt. 10c, 1 oz. 35c, ½ lb. \$1.00.

Improved Long Green. Handsome deep green fruits 9 to 10 inches long with crisp white flesh. Prolific and dependable. 67 days.

Lemon. For preserves and pickles and considered superb as a salad. Resemble a lemon in shape and color. 65 days.

KALE — BORECOLE

Pkt. 10c, 1 oz. 20c, ½ oz. 60c.

Dwarf Green Curled Scotch. One of the best winter greens. Hardy, it grows well into winter in colder areas. 55 days.

LETTUCE

HEAD LETTUCE

Pkt. 10c, 1 oz. 40c, ¼ lb. \$1.20.

Butter Lettuce (Big Boston). Heads of medium size with broad glossy leaves, wavy-edged and slightly tinted with reddish-brown. Popular for home gardens. 75 days.

Great Lakes Lettuce. A remarkable new "All-America" selection that has made a place for itself. Produces solid heads that are white and crisp. Superior in quality. Pkt. 25c.

Iceberg. Delicious heads of large crumpled leaves. Interior closely packed, sweet and white. Leaves tinged with brown. 84 days.

New York Market (Los Angeles). Most successful during the cooler weather. Tender and excellent quality. Leaves dark green, slightly curled at the edges. 80 days.

Romaine or Cos. Self-folding variety making a solid head. Crisp, sweet and tender. Excellent flavor. 66 days.

LEAF LETTUCE

Pkt. 10c, 1 oz. 30c, ¼ lb. 90c.

Prizehead. Popular non-heading variety. Leaves crisp and tender, greatly frilled at the edges. 47 days.

Mignonette. New. Leaves in compact bunches, medium green with bronzy tints where exposed to the sun. Decidedly different in flavor. 67 days.

MUSKMELON Pkt. 10c, oz. 25c.

Casaba. Medium large, late season. Fruits with wrinkled yellow rind; flesh white, luscious and spicy. 110 days.

Honey Dew. Large globe shaped fruits with smooth hard creamy-white rind and green flesh, thick, juicy and tender. 112 days.

WATERMELON

Klondike. Dark green rind and rich red sweet juicy flesh. 80 days. Pkt. 10c, oz. 20c.

ONIONS Pkt. 10c, oz. \$1.00.

Red Torpedo. Large, long onions pointed at both top and bottom. Bright red, mild flavored. 100 days.

Sweet Spanish. A large globe shaped brown onion, weighing 1 to 3 pounds. Small tops. Mild and sweet. Good for slicing. Most popular marketing onion.

White Bunching or Pickling. The best variety for green onions. Crisp and mild, attaining a large size before bulbs form. Ready in about 30 days

Yellow Globe Danvers. Excellent yellow globe onion. Flesh firm and white with a slight yellow tone. Medium size, dependable. 110 days.

ONION SETS

We offer the best quality northern grown sets, carefully cleaned, graded and packed. Plant deep for green onions and shallow for dry onions. 1 pound will plant 50 feet of row.

Ask or write for prices.

PARSLEY Pkt. 10c, oz. 20c.

Extra Triple Curled (Moss Curled). Popular variety with deep green tightly curled leaves.

PEAS Pkt. 10c, ½ lb. 30c, 1 lb. 50c.

Melting Sugar, Edible Pod. The broad flat, fleshy pods are stringless and contain about 7 peas. They are cooked, pods and all at any stage before peas are ripe. 74 days.

Laxton's Progress. Best of the early dwarf peas. Pods blue-green containing about 8 dark green peas. Fine quality. 62 days.

Tall Telephone (Alderman). Very prolific and wilt resistant with plump dark green pods. Excellent quality. Pods contain 8 to 10 peas. 74 days.

Dwarf Telephone. Grows about two feet tall resembling the Tall Telephone in every respect but for its intermediate ripening.

PEPPER Pkt. 10c, 1 oz. 75c.

California Wonder. The best sweet pepper. Plants vigorous, producing excellent crops of large green thick fleshed high quality peppers. 75 days.

Long Red Cayenne. Strong and pungent, long twisted and pointed peppers much used for drying and seasoning. 70 days.

RADISH Pkt. 5c and 10c.

Early Scarlet Globe. Very early. Bright scarlet globe shaped roots with tender, crisp white flesh. 23 days.

Long White Icicle. Long slender roots. Tender and crisp until full grown. 27 days.

SEED POTATOES Ask for Prices.

We usually have the following varieties at the proper planting time in spring:

British Queen, Burbank, Netted Gem, White Rose, Early Red.

SPINACH Pkt. 10c, oz. 25c.

New Zealand. For warm weather makes a plant of creeping or bushy habit with leaves much like spinach. Seeds are large and should be soaked a day in water before planting. 70 days.

Nobel or Giant Thick Leaved. Rapid growing with very large thick succulent leaves. Excellent home garden variety. 45 days.

SQUASH Pkt. 10c, oz. 25c.

Early Summer Crookneck. Excellent for home planting. Bushes are very productive. Squashes crooknecked, deep yellow warted on the surface. Pick while small, 4 to 6 inches long. 52 days.

Banana. A late twining sort, large cylindrical with deep yellow dry and sweet flesh free of fibre or stringiness. Makes fine pies. Rind thin, slate-grey. 105 days.

Improved Hubbard. Large warty Hubbard type with dark green rind and dry richly flavored light orange flesh. One of the best winter squashes. 100 days.

Table Queen or Danish. This is the small dark green acorn shaped squash so delicious baked in the oven. Light yellow flesh. Early maturing, 58 days, and easy to grow even as a summer squash. Trailing variety.

Zucchini. A delicious summer bush squash. Although the squashes get quite large they are best picked when 4 to 6 inches long. A few hills will supply a family the entire summer. 60 days.

TOMATO

Start seeds in flats or seed beds from January to March and transplant to the garden as soon as the weather is warm. Soil should be well enriched with manure or fertilizer. Better, cleaner fruits result if plants are trained on a trellis.

Pkt. 10c, ½ oz. 40c, oz. 75c.

Earliana. Very early, almost seedless and solid medium size fruits. Vines open and bearing large crops. 65 days.

Improved Stone. One of the best for table and canning. Vines vigorous bearing quantities of large, flattened deep red fruits. Fine flavor. 86 days.

Marglobe Improved. Excellent, thrifty and heavy productive tomato. Fruits large, deep scarlet, uniformly globe shaped, smooth, solid. 77 days.

Pearson. Smooth and flattened globe shaped fruits with thick scarlet skins. 115 days.

Ponderosa or Beefsteak. Late tomato especially suited to home gardens. Vine vigorous, open and wilt resistant. Fruits large, flat and bright scarlet. 90 days.

Victor. Luscious smooth solid fruits of excellent flavor. A very fine tomato for the home garden. 110 days.

TURNIP

Purple Top White Globe. Excellent variety for all purposes, globular turnips white with upper third a rich purple. Ready for table use in 55 days. Pkt. 10c, oz. 20c, ¼ lb. 60c.



CHERRIES, ROYAL ANNE

Fruit Trees

All trees are priced bare root at \$1.50 each, except as noted. Plant during the dormant season. Some will be scarce and rapidly sold out.

English Morello. One of the best home varieties. Small round headed tree with dark red fruits, almost black when ripe.

Royal Anne. Large light amber cherries suffused with red when ripe. Fine for canning.

FIGS

Brown Turkey. Large figs, purple brown in color enclosing delicious soft white flesh and pink interior. Very fine. \$1.75 up.

Kadota. All-purpose white fig—drying, pickling or eating fresh. Medium pale yellow skin, sweet amber flesh. \$1.75 up.

Mission, California Black Fig. Medium size to large figs long necked deep violet-black figs with brownish-red flesh. Prune lightly. \$1.75 up.

Thompson. New. A large fruited fig similar in outward appearance to a giant Brown Turkey. Said to fruit soon after planting. Luscious flavor. 3 to 4 ft. \$3.00.

NECTARINES

Gower. Large firm pale green fruits with deep red blush. Early June.

Stanwick. Pale green shaded with purple. Commercial variety. Early August.

PEACHES (FREESTONE)

Early Crawford. A large round fruit with yellow flesh streaked red near the pit. Yellow blushed red. July.

Elberta. Oval peaches of good size. Yellow with red cheeks. Yellow flesh of excellent flavor. Early July.

Hale's Early. Richly flavored yellow peaches with red blush. Early.

J. H. Hale. Popular large round peach. Fruit very beautiful. Flesh firm, yellow and of fine flavor. Late July.

Strawberry. Fruit white with red cheek. Medium size. Juicy fine flavored white flesh. Late June.

PEACHES (Clingstone)

Phillips Cling. Popular yellow fleshed clingstone peach. Ripens progressively over a 2 to 3 week period. Rich flavor.

Strawberry. Early white fleshed. Pale yellow marked with dark red. Rich, sweet, distinctive flavor.

PEARS

Bartlett. Summer and winter varieties available. Fine keeping pear. Fruits large and sweet. Good eating.

Winter Nelis. Small delightfully flavored fruits. Excellent along the coast. December. Good bearer and pollinizer.

PLUMS

Plums are satisfactory small trees for the home grounds. They bear consistent good crops, make excellent preserves and some kinds are delicious to eat fresh. A few varieties are listed below.

Green Gage. Greenish yellow rounded fruits with rich, sweet, firm flesh.

Santa Rosa. Popular variety with oval fruits, maroon skin and amber flesh veined with crimson. Delicious. Late June.

Satsuma. Deep blood red fruits in quantity. August.

Yellow Egg. Very large yellow plum. Firm flesh, sweet and juicy.

PRUNE

French Improved. Large deep purple fruits. The standard drying variety. September.

DWARF FRUIT TREES AND ESPALIERED TREES

Dwarf Fruit Trees for small gardens and Espaliered Trees for planting against walls. Both give wonderful fruits. We have many of the most popular varieties.

ASK FOR OUR SPECIAL PRICE LIST.

APPLES

Delicious. We include this variety because of its popularity. In colder sections it does well. Beautiful red skinned fruits that are truly delicious.

Gravenstein. Summer ripening. Medium size fruits with yellow skin striped with red. Very good.

Skinner Seedling. Fruit large and light green in color with white flesh which is crisp, tender and sweet. Ripens in mid-summer.

Yellow Belleflower. Oblong ribbed fruits. Yellow skin touched with green and blushed pink. Cooking variety.

Yellow Newtown Pippin. One of the best winter apples. Large golden yellow fruits with creamy firm flesh. Juicy.

CRABAPPLE

Red Siberian. Small, tart, bright red fruits. Very showy and good quality.

Transcendent. Good size, August ripening. Yellow fruits blushed red.

APRICOTS

Few fruits give as satisfactory returns to the home gardener as do the apricots. Small trees bearing enormous crops in early summer.

Blenheim. Large, well formed attractive fruits. Delicious. One of leading California varieties. June.

Moorpark. Large round deeply colored fruits. Best for eating. Fine along the coast. Shy bearer. July.

Royal. Sweet deep orange flesh. Excellent variety for home use.

CHERRIES

Bing. Large heart-shaped sweet fruits. Glossy skin. Firm flesh almost black. Fine canning variety. June.

Black Tartarian. Sweet juicy purplish black cherry. Heavy bearing large tree. Pollenizes other sweet cherries.

POMEGRANATE

Wonderful. Red flowers and attractive odd shaped fruits. Does well in dry hot places.

MISSION OLIVE

Olea europea, Mission variety. Beautiful ornamental tree with gnarled trunks and silvery foliage. Gallon container \$1.00, 5-gallon container \$3.50.

ALMONDS

For frost free areas with hot summer temperatures. They need different varieties to pollinize for better crops.

Drake. Used to pollenate other varieties. Nuts are medium size, with plump kernels and a fairly soft shell. Good flavor.

I.X.L. Strong growing variety. Nuts large and soft shelled.

Nonpareil. Is the leading commercial variety. Popular for its paper thin shells.

WALNUTS

English Walnuts can be grown successfully in this area. Trees can be used for shade as well as utility.

Franquette. Large thin shelled. \$3.50 each.

Payne. Smaller growing tree. Nuts equally large. Thin shelled. Excellent. \$3.50 each.

GRAPEFRUIT

Marsh Seedless. Compact growing variety widely planted in California. Fruit juicy, seedless, very good. May-August. \$5.75 each.

LEMONS

Eureka. The leading lemon for commercial and home planting. Fruit uniformly medium size, juicy, and few seeded. Most of the fruit is ripening during the summer but bears throughout the year. \$5.75 each.

Meyer Lemon. Semi-dwarf. Fruit large, oval and deeply orange yellow in color. Hardy throughout most of California. Laden with fruit most of the year. Gallon container \$1.25, 5-gallon container \$5.00.

ORANGES

Washington Navel. The famous winter ripening orange. Large fruits easily peeled and broken into segments. Thrives best a few miles from the coast. Can be grown any place in California where citrus is grown. December to May. \$5.75 each.

Valencia Orange. Best summer orange, ripens from April to December after the Navel season is over. Thus ripe oranges can be had through the summer and fall. Juicy, sweet and few seeded. \$5.75 each.

BLACKBERRIES

Mammoth. Small seeded jet black berry. Rampant thorny vine. 25c each, \$2.50 per dozen.

BOYSENBERRIES

The large berries are often 1½ inches long, have excellent keeping and shipping qualities. Fine for home use in pies, jellies and preserves, or fresh with cream. 25c each, \$2.50 per dozen.

Thornless Boysenberry. 35c each, \$3.50 per dozen.

CURRENT

Perfection. Large clusters of bright red fruits. Excellent for jelly. 35c each.

GOOSEBERRY

Champion. Finest for California gardens. 35c each.

LOGANBERRIES

Vigorous vines producing quantities of dark red delicious fruits. Excellent for jams and jellies. 25c each, \$2.50 per dozen.

Thornless Loganberries. 35c each, \$3.50 per dozen.



STRAWBERRY, STREAMLINER

RASPBERRIES

25c each, \$2.50 per dozen.

Cumberland Black Cap. Sweet, large black berries. The best.

St. Regis. Medium size, firm bright red berries. Long ripening season. Excellent shipping quality.

Cuthbert. Red raspberry. Large tender deep red fruits of fine flavor.

YOUNGBERRY

Rapid growing vines bearing heavy crops of deep purple berries. Almost seedless. Fine flavor. 25c each, \$2.50 per dozen.

Thornless Youngberry. Like above but plants are thornless. Best for small gardens. 35c each, \$3.50 per dozen.

STRAWBERRIES

60c per dozen, \$4.00 per 100.

Banner. The leading Strawberry for the Bay region.

Donner. Bright, conical medium large berries, bearing early in Spring and again in Fall.

Streamliner. Earlier than other everbearing. Large and very sweet. Proved very productive in varying types of soil and climate. Excellent shipper and highly adaptable for canning and freezing. \$2.00 per dozen, 25 for \$3.75, 50 for \$7.00, 100 for \$12.50.

ASPARAGUS

Mary Washington. Early variety. Fine tender tips. Rust resistant. 50c per dozen, \$3.50 per 100.

ARTICHOKE

Green Globe. Unopened flower buds are edible portion. Gallon containers 35c and 50c.

RHUBARB

Strawberry. Stalks light pink. Vigorous and hardy. 25c each.

GRAPES

AMERICAN GRAPES

Concord. Favorite blue grape for jelly, juice and preserves. 50c each.

Isabella. Popular black market variety. 50c each.

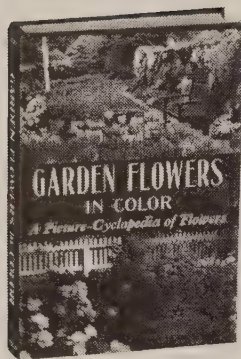
EUROPEAN GRAPES for wine or raisins.

Muscat. Very sweet raisin grape. White. September. 35c each.

Thompson Seedless. Small sweet white. August. 35c each.

Tokay. Winter grape. Large clusters, red, with firm tasty flesh. 35c each.

Garden and Reference Books



GARDEN FLOWERS IN COLORS

By Daniel J. Foley . . . \$2.49
350 colored photographs. This authoritative book identifies each plant, and gives brief and adequate cultural directions. Arranged in alphabetical order, a guide book for the beginner and a reference book for the advanced gardener.

GARDEN BULBS IN COLOR

By MacFarland, Hatton and Foley. \$2.49
Pictures in color 231 varieties of bulbs. Practical, brief cultural notes, all alphabetically arranged. Interesting and helpful.

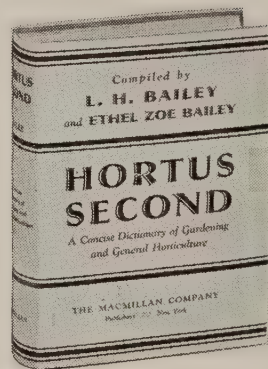
HORTUS, SECOND

By Dr. L. H. and E. Z. Bailey \$5.00

This concise dictionary of plants has been entirely revised, enlarged and reset. Brief descriptions, botanical and common names. Also notes on culture and propagation.

STANDARD CYCLOPEDIA OF HORTICULTURE

By Dr. L. H. Bailey . . . \$25.00
3 volumes, 3,639 pages 7½x 10¾. Approximately 4,000 genera, 15,000 species, 40,000 plant names, more than 4,000 illustrations.



VEGETABLES IN THE CALIFORNIA GARDEN, By Ross H. Gast. Victory Garden Edition (abridged). Illustrated. \$.50

HOW TO PRUNE FRUIT TREES, by R. Sanford Martin. . . 1.00

HOW TO PRUNE WESTERN SHRUBS, by R. Sanford Martin . . . 1.00

PRONOUNCING DICTIONARY OF PLANT NAME. Contains 3,000 plant names and botanical terms, with pronunciation and definitions. 64 p. (1940)25

SUNSET'S FLOWER ARRANGEMENT BOOK. A new, simplified, imaginative approach to flower arrangement, a book created from start to finish, not for the connoisseur, but for use in everyday homes. Published by Sunset Magazine, San Francisco, Calif. \$1.00

SUNSET'S FLOWER GARDEN BOOK. This master work tells how to grow almost every kind of flower and shrub that thrives in the Pacific Western garden. Profusely illustrated. \$1.50

SUNSET'S VISUAL GARDEN MANUAL

\$1.00

How-to-Do-It—Illustrated step by step. Published by Sunset Magazine, San Francisco, Calif.

SUNSET'S VEGETABLE GARDEN BOOK. Your Guide to Vegetable Garden Success. Western Varieties—Western Plantings—Western Conditions—Western Techniques. Published by Sunset Magazine, San Francisco, Calif. . . . \$1.00

10,000 GARDEN QUESTIONS ANSWERED—Edited by F. F. Rockwell. \$3.95

BETTER LAWNS—Howard B. Sprague. \$2.00

HARDY CHRYSANTHEMUMS—Alex Cumming. \$2.50

GARDEN PLANNING AND BUILDING—H. Stuart Ortloff and Henry B. Raymore. \$2.75

PATIOS *are easy to build with*



KRAFTILE
for Home-Kraft

Transform your yard into the most popular, livable part of your home with an INEXPENSIVE, easy-to-build KRAFTILE patio.

FREE BOOK shows how . . . packed with IDEAS! 22 plan-sketches of patios, terraces, barbecues, patios, corners, etc. Nine easy-to-follow rules assure success on your first attempt. Ask for your free copy the next time you visit the nursery.



6" x 6" 10c each, \$1.00 dozen, \$6.00 per 100
6" x 12" 15c each, \$1.70 dozen, \$11.00 per 100
12" x 12" 25c each, \$2.75 dozen, \$18.00 per 100
Delivery charge 2c each.

Garden Supplies



HOTKAPS

To keep young seedlings from sun and cold until established. 1 set—25 caps with setter, 50c.

TOOLS

We have a complete stock of the following tools:

Spades, Forks, Rakes, Cultivators, Pruning Shears, Trowels, Sprayers, Dusters, Lawn Edgers, Fertilizer Spreaders, Lawn Mowers, Weeders.

FLOWER POTS

Size	Each	Size	Each	Size	Each
3-inch....	\$0.06	6-inch....	\$0.10	9-inch....	\$0.35
4-inch....	.07	7-inch....	.15	10-inch....	.50
5-inch....	.08	8-inch....	.25	12-inch....	1.00

Hanging Baskets. 8-inch diameter. Each 50c.

GLAZED PORCH POTTERY

SELECTION OF COLORS

12"	\$ 5.00
14"	6.50
16"	9.00
18"	10.00
20"	11.00

PLANT BANDS

	Dozen	100
2 1/2"	\$.15	\$1.00
4"	.30	2.00

SOIL SOAKERS

Like all-night rain. Soaks soil deeply and thoroughly. Is more beneficial than light surface sprinkling. No. 0—12', \$1.40; No. 1—18', \$1.90; No. 2—30', \$2.90; No. 3—50', \$4.75.

REDWOOD STAKES

	Each	Dozen
2' 1/2"x1/2" Painted Green	\$.03	\$.30
3' 1/2"x1/2" " "	.04	.40
4' 1/2"x1/2" " "	.05	.50
3' 1"x1" " "	.06	.70
4' 1"x1" " "	.08	.90
5' 1"x1" " "	.10	1.10
6' 1"x1" " "	.12	1.30
6' 2"x2" " "	.55	5.50
8' 2"x2" " "	.65	6.50

REDWOOD TRELLISES

3' Fans—Painted Green	\$.75
4' " " "	1.00
5' " " "	1.25
6' " " "	1.50
8' " " "	2.00
72"x18" Rectangular	1.50
96"x18" " "	2.00

GARDEN HOSE

Goodrich Quality

GARDEN CLUB

Reinforced with single ply "Circo-lock" cord, GARDEN CLUB is light, very strong and flexible. The reinforcement is woven in an unusual way which makes the hose flexible, even under pressure. Resists kinking better than braided hose.

25 ft. lengths, Black.....	\$3.50
50 ft. lengths, Black.....	6.60
25 ft. lengths, Green.....	4.00
50 ft. lengths, Green.....	7.75

MAXECON

Maxecon is a hose within a hose, due to the two separate braids of cord reinforcement with a rubber wall between. If the outer ply is snagged, or injured, there is still a hose underneath, and it will still hold water and stand pressure.

25 ft. lengths, 5/8" size.....	\$4.35
50 ft. lengths, 5/8" size.....	8.25
25 ft. length, 3/4" size.....	4.95
50 ft. lengths, 3/4" size.....	9.25

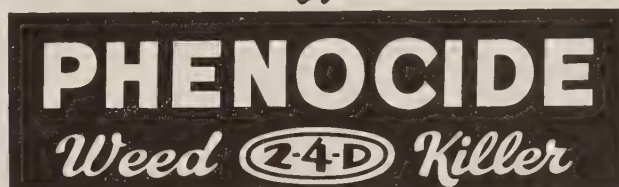
JUPITER

This hose is heavier than necessary for home use and is intended for golf courses, large estates, parks, cemeteries, or uses which are far more severe than normal garden hose service. JUPITER is th last word in heavy garden hose with an ample margin of safety.

25 ft. lengths, 3/4" size.....	\$ 7.25
50 ft. lengths, 3/4" size.....	14.00

WEED-TOX

2-4-D
or



Kills the Roots of

Dandelion, Poison Oak
Plantain, Burr Clover, etc.

Use on Lawns, Golf Courses, etc.

4 oz. can covers up to 2000 sq. feet, dissolves instantly in cold water...Use in any spray machine...small or large.

Prevent Pest Damage with ORTHO Garden and Home Products

MULTI-PURPOSE SPRAY SET

**For Use Against
More Prevalent GARDEN INSECTS**



Set contains 4-ounce bottle of **EXTRAX Insect Spray**, **GREENOL Liquid Fungicide** and **VOLCK Oil Spray**. Mix all 3 sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes 25 gallons combination spray at normal dilution\$1.85

MULTI-PURPOSE DUSTS



BOTANO Garden Dust. For use against many insects and diseases. Preferred by many, particularly for vegetables. One of the safest multi-purpose dusts that

can be used. 10-oz. size is Dual Purpose package which also serves as handy garden duster. (Contains **ROTENONE**)

10-oz. Duster.....49c 1-lb. Pkg.....\$.50
4-lb. Pkg.....\$1.10

CALTOX Garden Dust "525". Used throughout the garden, but especially useful on Tomatoes, Potatoes, Cucumbers, Squash, and Melons, against Flea Beetle, Diabrotica or Cucumber Beetle, Potato Beetle, Tomato Worm, Late Blight. Contains Cryolite, Copper and Zinc.

10-oz. Dual Purpose package.....49c
4-lb. Pkg.....\$1.10

OIL SPRAYS

VOLCK Oil Spray. Envelops, wets and smothers many sucking insects such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

4-oz. Bottle.....25c 1-pint Bottle.....50c
½-gallon Can.....\$1.25 1-gallon Can.....\$2.25

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture.
1-pint Bottle.....39c 1-gallon Can.....\$1.00
5 Gallons.....\$4.95

SOWBUG CONTROL

ORTHO Sowbug Killer. A specially prepared bait for use against Sowbugs and Pillbugs.
1-lb. Can.....50c

ANT CONTROLS

ORTHO Ant and Roach Powder. A Fluorine-Pyrethrum Insecticide for use against Ants, Roaches, Silverfish. Easy to use.

4½-oz. Shaker.....25c



ANT-B-GON Ant Poison. Four to 8 Dispensers are enough for average home. Easy to refill. Ants feed from "WICK"... Can't get inside. For Argentine and Sweets-eating ants.

Set of four 1-oz. Dispensers.....60c
Ant Poison to refill dispensers:
4-oz. Bottle.....20c 1 pint.....50c
½ gallon.....\$1.50

MULTI-PURPOSE BAIT

**For Use Against
PRINCIPAL FORAGING PESTS**

Slugs, cutworms, snails, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new **BUG-GETA PELLETS Compressed BAIT.** (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12-oz. Carton.....25c 5-lb. Carton.....\$1.00
2-lb. Carton.....50c 25-lb. Bag.....\$3.60



INSECTICIDES

EXTRAX Insect Spray. Kills by contact. Used against many sucking and chewing insects such as Aphids, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical... General dosage is one teaspoonful to gallon of water.

1-oz. Bottle.....\$.35 1 Pint.....\$2.75
4-oz. Bottle.....\$1.00 ½ Gallon.....\$7.95

NEW DDT SPRAY

PEST-B-GON DDT Spray. Contains 20% DDT, the new insecticide that played such an important role in World War II. Use in the garden and also around barns, poultry houses, dog kennels, outbuildings, basements, against many Beetles, Worms, Thrips, Leafhoppers, Weevils... Ants, Fleas, Mosquitoes and certain other insect pests.

4-oz. Bottle.....\$1.00

ORTHO Lead Arsenate. A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars (as Oak Moth), Worms on Apples, Pears and other plants, and Sod Webworm in lawns.

1 lb.....35c

EARWORMICIDE. To keep worms out of sweet corn, make one treatment when silk begins to wilt. 2 ozs. treats 60 ears.

2-oz. Bottle with applicator.....35c

FUNGICIDES

GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

1-oz. Bottle.....35c 1 pint.....\$1.50
4-oz. Bottle.....60c ½ gallon.....\$3.95

"ORTHO" BORDO Mixture. Prepared Bordeaux Mixture used to control fungus diseases such as Peach Leaf Curl, Peach Blight, Pear Scab.

1 lb.....35c

FLOTOX Garden Sulfur. Finely powdered... Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases.
26 ozs.....25c 4 lbs.....50c

PRUNING PAINT

CONTAX Pruning Paint. Protect cuts and tree wounds with this modern plastic pruning and grafting composition. Also has many other uses.
1 pint.....35c

ORTHO ROSE SPRAY KIT

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphids and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables too.

Each Kit.....\$1.00



SOIL INSECTS

ORTHO Soil Fumigant. A new "ORTHO" development designed to control certain soil inhabiting insects which attack roots. Used primarily against garden Centipedes, Cabbage Maggots, Onion Maggots.

4-oz. Bottle.....35c 1 pint.....\$1.00

WEED KILLERS

TRIOX Weed Killer. Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.

½-gal. Can.....\$1.50 1-gal. Can.....\$2.25

WEED-B-GON Weed Killer. Contains "2,4-D." A hormone spray for killing Wild Morning-Glory (Bindweed), Poison Oak, Poison Ivy, Plantain, Dandelion and certain other susceptible weeds. Can be used on certain grass lawns (not on Bent, Dichondra, Lippia or Clover).

4-oz. Bottle.....65c 1 pint.....\$2.00
½ gallon.....\$6.00

RODENT CONTROL

ORTHO Rat Bait Pellets. Ready-to-use Red Squill Bait which are relatively harmless to humans and domestic animals. Poisoned Rats seek underground burrows before dying.

2-oz. Carton.....25c 6-oz. Carton.....50c

ORTHO Rodent Destroyer. Kills Gophers, Squirrels, Prairie Dogs, Rats, Mice. This bait is poisoned with strychnine by a special solvent process to assure lasting potency.

6-oz. Carton.....30c 1-lb. Carton.....60c
5-lb. Carton.....\$2.25

DOG REPELLENT

SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker.....49c



Insecticides and Fungicides

Acme Pyrethrum Garden Guard. A non-poisonous dust for many sucking and chewing insects. 1 lb., 40c.

Ammate. A Dupont Product. Spray for eradication of Poison Oak and other noxious shrubs and weed. Non-inflammable. 2 lbs. 75c, 10 lbs. \$2.00.

Arsenate of Lead. Controls leaf-eating insects such as Rose Worms, Green Worms, Cherry or Pear Slugs, Lawn Moths and Caterpillars. 1 lb., 35c; 4-lb. bags, 90c.

"Black Leaf 40". Concentrated nicotine solution for aphids and thrips. Most effective when mixed with whale oil soap or Volk. 1-oz. bottle, 35c; 5-oz. bottle, \$1.05; 1 lb. \$2.50; 2 lb., \$3.70.

Bordelo. For leaf spot and mildew on roses and other plants; effective dormant spray for curl leaf of peaches. 8 oz., 35c; pint, 60c; quart, \$1.00.

Bordeau Mixture. To prevent and control mildew, curl leaf, blight and fungus. For peach curl leaf, spray in mid-winter and again when buds have begun to swell. 1 lb., 35c; 4 lbs., 90c.

Calcium Arsenate. Used principally mixed with bran for the control of snails and slugs. 1 lb., 30c; 4 lbs. 80c.

Calsul. Lime Sulphur and oil spray for Deciduous and Citrus fruits, shrubs, etc. Controls certain scales, red spider, thrip, etc. 1 qt., 75c.

Compost Maker, Millers. To convert organic waste — leaves, weeds, garden and kitchen waste—into valuable garden humus. Simple to use, safe and efficient. 5 lbs. \$1.00.

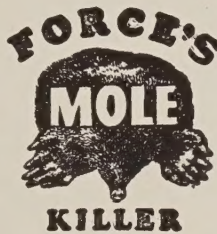
Cryotox. A dust for control of Diabrotica, Cucumber Beetles, Tomato Fruit Worm, Earwigs, Snails, Ants, etc. 12 oz., 35c; 5 lbs., \$1.00.

Cyanogas. Destroys gophers, moles and ants. ½ lb., 45c; 1 lb., 75c.

End-o-Pest Garden Dust. For control of sucking insects, chewing insects, and certain fungus diseases. Dust applicator, 1 lb., 85c; Refill package, 2½ lbs., \$1.50.

End-o-Pest New Garden Bait. For protection against night foraging pests such as snails, slugs, cutworms, and sowbugs. 2½-lb. pkg., 50c; 1-lb. pkg., 25c.

Force's Gopher and Mole Killer Handy pellets that will effectively control these troublesome pests. Use according to simple instructions with each package. Keep a supply on hand at all times to treat new runways as soon as gophers or moles appear. Force's Gopher Killer, 75 pellets, 50c; 175 pellets, \$1.00. Force's Mole Killer (pellets), 2½ oz., 50c; 5 oz. \$1.00.



Fungusol Emulsion. "Two-in-One" or an "All-around Spray", being an insecticide and fungicide combined. Used by rosarians and flower lovers to control rust and mildew, aphids, thrips, etc., in a single operation. 4 oz., 45c; qt., \$1.75; gal., \$4.50.

Fruitone. Keeps leaves and berries longer on plants. Stops harvest drop of apples, pears and other fruits. 2/5 oz., 25c; 2 oz., \$1.00.

Gold Leaf Tobacco Dust. For the control of ground mealy bugs and aphids. 2 lbs., 35c, 10 lbs., 95c.

"Go West". Apple Bait. Controls cut worms, strawberry weevil, and grasshoppers. 1 lb., 35c; 10 lbs., \$1.75.

Grafting Wax. 4 oz., 25c; ½ lb., 35c; 1 lb., 50c.

Hormodin. A rooting powder especially effective in rooting cuttings. Easy and simple to use. 1 Pkt., 25c; 1¾ oz., \$1.00.

Lawn-a-Gon. An effective control for sod web-worms, wire worms, nematode, root aphids and angle worms. Copper content aids in repelling fungus diseases like brown spot. Pint to 30 gallons of water for an area 30 x 30 feet. 4 oz., 60c; 8 oz., \$1.00; pint, \$1.60; qt., \$2.50; ½ gal., \$4.25; gal., \$7.00.

Lawn Moth Foil or Golden Lawn Moth Spray. For control of sod web-worms and other soil insects, onion maggots and wire worms. Effective and easy to apply. Pt., \$1.00; qt., \$1.85; gal., \$6.50.

Lime Sulphur (dry). For spraying during dormant season against San Jose Scale, Twig Borer, Pear Leaf Blister Mite, Peach Blight, Curl Leaf. Also effective at reduced strength as Summer Spray for control of Apple and Pear Scab. 1 lb., 40c; 5 lbs., \$1.55.

Naphthalene Flakes. For control of Gladiolus Thrips, use 1 oz. to 100 large bulbs. Used to protect bulbs in storage, and also used to repel gophers, moths and fleas and soil insects. 1½ lbs., 35c; 5 lbs., 65c.

Old Trapper Mole Killer. A poison bait that can be used for both gophers and moles. 2 oz., 50c.

Rodent Bombs. Contains Arsenic Sulphide for killing gophers, squirrels, rats and field mice. 2 for 15c; 75c per dozen.

Rootone. A root forming stimulant for application to cuttings, seeds and bulbs. Simple to use. ¼-oz. pkg. treats 400 to 500 cuttings. ¼ oz., 25c; 2-oz. jar, \$1.00.

Semesan. Mercuric disinfectant for use on seeds, bulbs, roots and tubers; effective for preventing damping off of seedlings. Small pkt., 10c; 2 oz., 40c; 1 lb., \$2.50.

Snail Foil. Improved poison food containing metaldehyde which attracts snails and slugs. 1 lb., 25c; 2½ lbs., 50c; 6 lbs., \$1.00; 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$5.50.

Snarol. An effective poison bait for control of Snails, Cut Worms, Sow Bugs, etc. 1 lb., 25c; 2½ lbs., 50c; 10 lbs., \$1.75; 50 lbs., \$5.50.



Super Destruxol Emulsion. Effective against scale, mealy bug, red spider, etc.; works by penetration and suffocation. Also a contact spray. 8 oz., 50c; qt., \$1.25; gal., \$2.75.

Sulphur. Improved, finely powdered dusting sulphur in sifter-top package. Specially prepared to prevent lumping and for increased adhesive quality. For fungus diseases, black spot, rust, etc. 2 lbs., 30c; 5-lb. package, 60c.

Transplantone. Invigorates roots and reduces loss in transplanting. ½ oz., 25c; 3 oz., \$1.00.

Tree Tanglefoot. For safeguarding trees and vines against insects. Will remain sticky when fully exposed to the weather. 6 oz., 45c; 1 lb., 80c.

Vita-Flor. A scientific blend of Vitamin B-1 with other substances necessary for healthy plant development. Requires only a few drops to a gallon of water. ¼ oz., 50c.

Weedtox. A liquid spray. Kills morning glory, Canada thistle, horse nettle, poison oak, ragweed and other weeds. 4 oz., 75c; qt., \$4.00; gal., \$12.00.

Whale Oil Liquid Soap. Valuable as a spreader with other sprays such as "Black Leaf 40". Pt. 40c; qt. 60c; ½ gal., 90c; gal., \$1.50.

DILUTION CHART

	Dilution Rate	Insecticide Concentrate to 1 gallon Water
3 Teaspoons=1 Tablespoon	1 to 25	1/3 Pint
2 Tablespoons=1 Fluid Oz.	1 to 50	6 Tablespoons
16 Fluid Ounces=1 Pint	1 to 100	3 Tablespoons
2 Pints (32 oz.)=1 Quart	1 to 200	1½ Tablespoons
4 Qts. (128 oz.)=1 Gallon	1 to 400	2 Teaspoons
	1 to 800	1 Teaspoon

Garden Fertilizers, Soil Builders, Etc.

Acid Plant Food. Specially prepared for use on Rhododendrons, Camellias, Azaleas, Andromedas, etc. Contains Gypsum, Sulphur, Iron Phosphate and Aluminum Sulphate. For best results, fertilize with Acid Plant Food just as soon as blooms begin to fade and wilt, for then new growth is about to begin. Apply 1 cup full or 2 handfulls around each plant and repeat applications at intervals of one month through July. After the last application, reduce your application of water from 1/3 to 1/2 so as to encourage setting of flower buds; discontinue heavy watering which forces second cycle of growth. 2 1/2 lbs., 30c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50; 100 lbs., \$4.00.

Agricultural Lime. An organic shell flour for lightening and sweetening soils. Apply 100 lbs. to 500 sq. ft. 100-lb. bag, \$1.25.

Aluminum Sulphate. For acidifying soils. Use 1 oz. to 1 sq. ft. of soil. For best results should be used with Cotton Seed Meal or other fertilizers. 2 1/2 lbs., 30c; 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.75; 50 lbs., \$3.00.

Ammonium Phosphate. Excellent for quick action on run-down lawns and for leafy vegetables. Dissolve 1 oz. in 1 gal. water for use on lawns and 1 tablespoon for 3 feet of vegetable row. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50.

Blood Meal. Quick acting and concentrated. 1 lb. per 60 sq. ft. Excellent fertilizer for water lilies and will not injure fish. 10 lbs., \$1.05; 25 lbs., \$2.20.

Bone Meal. A fine all-around garden fertilizer and recommended for bulbs. Will not burn tender plants; rather slow in acting. 1 lb. to 25 sq. ft. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50.

E-Z-Grow. A compost fertilizer, supplies plant food and excellent soil conditioner. Specially recommended for lawns. 100 pounds will treat and feed 1,000 (20x50) square feet. 25 lbs., \$1.00; 40 lbs., \$1.50; 100 lbs., \$2.75.

Gaviota. The standard fertilizer for lawns and gardens. Use 5 pounds per 100 square feet for either flower or vegetable garden and 5 pounds per 100 lineal feet of vegetable row. Prices: 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$3.70.

Greenall. Humus builder; a scientific blend of peat moss and a number of selected manures. Applicable to practically every case of soil mulching and may be used in the same manner as ordinary manure. Sack, \$1.50.

Groz-It (Sheep Manure). Well pulverized sheep manure, practically free from weed seed. 50-lb. sack, \$1.25; 100-lb sack, \$2.25.

Gypsum. Improves textures of sticky or heavy soils. Use 100 lbs. to 500 sq. ft. of soil. 100-lb. sack, \$1.25.

Hydrated Lime. To lighten and sweeten "sour", heavy soils. 20 lbs. to 100 sq. ft. of soil. 10 lbs., 40c; 50 lbs., \$1.25.

Soil Tex. A good dry, weed free fertilizer composed of pulverized Peat Moss and Steer Manure; especially fine as a moisture retainer as well as plant food. \$1.50 per sack.

Leaf Mould. Improves texture of soils and is important source of plant food, particularly for acid loving plants. Best grade, oak leaf mould. Per sack, \$1.25.

Cow Manure. Thoroughly rotted cow manure. Improves texture of soil and supplies plant food. Sack, at Nursery, 60c; delivered, 70c.

Milorganite. An organic fertilizer for all-around use and recommended for lawns. Use 4 lbs. to 100 sq. ft. 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$3.90.

Peat. Canadian type peat. Useful for improving texture of soils and conserving moisture. Practically indispensable in growing Rhododendrons, Azaleas and Camellias. Sack, \$1.25; bale, at Nursery, \$4.75.

Sand. Clean sand for propagating, etc. 100 lbs., 75c.

Soil. Good garden loam consisting of best grade top-soil, 75c per sack. Ask for prices on larger quantities.

Potting and Seed Soil. Specially prepared soil containing Peat Moss, Sand, and Fertilizers. Carefully screened. Per sack, \$1.25.

Sulphate of Ammonia. Quick acting plant and lawn stimulant. Apply at rate of 1 lb. to 250 sq. ft. or dissolve 1 tablespoon in 1 gal. of water and apply with sprinkler can, 2 1/2 lbs., 30c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50.

Sulphate of Potash. Gives flowers better color and stronger stems. Use 1 lb. to 250 sq. ft. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50; 50 lbs., \$2.50.

Superphosphate Hastens maturity of flowers and fruits. Apply 1 lb. to 100 sq. ft. 5 lbs., 30c; 10 lbs., 50c.

Sulphur-Agricultural. Purifies soil and has slightly acid effect. Beneficial to roses. 100 lbs., \$4.25.

Vigoro. A well balanced fertilizer for general use. Apply at rate of 4 lbs. to 100 sq. ft. of area. 5 lbs., 45c; 10 lbs., 70c; 25 lbs., \$1.40; 50 lbs., \$2.30; 100 lbs., \$3.50.

PREPARE YOUR SOIL

with

GREENALL HUMUS BUILDER

A scientific blend of Chicken and other Manures combined with organic water-retaining material.

Holds moisture in sandy soils. Keeps heavy soils loose.

2 1/2 cu. ft. bag covers 250 sq. ft.

Excellent top dressing for lawns.

Price: \$1.50 per bag.

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PLANT-CHEM

A scant spoonful makes a gallon of rich FERTILIZER

FLOWER AND VEGETABLE GARDENS
SLIPS • SHRUBS • TREES

10¢ size makes 5 gals.	2.00 size makes 400 gals.	
25¢ size makes 16 gals.	5.00 size makes 1200 gals.	
50¢ size makes 37 1/2 gals.	10.00 size makes 3000 gals.	
1.00 size makes 100 gals.	15.00 size makes 5000 gals.	

PLANT-CHEM (Acid Food) FOR AZALEAS, CAMELLIAS, ETC.

25¢ size makes 16 gals.	1.00 size makes 100 gals.	
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LAWN-CHEM (Again available)

50¢ size makes 100 gals.	4.00 size makes 1200 gals.	
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POUR IT ON...WATCH 'EM GROW!



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